



**QUICK REFERENCE GUIDE
FIBER & COPPER INTERCONNECT PRODUCTS**

Corporate Office

Custom Cable
3221 Cherry Palm Dr.
Tampa, FL 33619

Tel: 800.446.2232 or 813.623.2232
Fax: 813.623.3534

Customer Service

telteam@customcable.com

800-552-2232



Custom Cable Quick Reference Guide

Contents

Fiber Introduction	2
Fiber Reliability	3
GR-326 CORE Issue 4 Certifications	4
GR-326 Fiber Assemblies	6
Data Sheet & Fiber Assembly Material	8
Fiber Flex Boot Information	10
Fiber Assembly Dimensions/ Tolerances	11
Fiber Part Number Scheme	12
Fiber Jumpers	
Select SM BIF (UPC) Jumpers	13
Select SM BIF (APC) Jumpers	14
Fiber Trunks - Distribution Style	15
OSP FTTx Single Drop cables	17
Data Sheet - MTP Fiber Assemblies	18
Fiber Part number Scheme - MTP Trunks	19
Fiber Part Number Scheme - Cassettes/ Plates	20
Fiber Part Number Scheme - Enclosures	21
Data Sheet - Fiber Optic Attenuators	22
Fiber Attenuator Listing	23
OTDR Launch Box Listing	25
Data Sheet - Value Fiber Assemblies	26
Fiber Assembly Information - Value Line	29
Audio/ Video Assemblies	30
Telco CHAMP Assemblies - 25/ 32 Pair	32
DS3 Coax Assemblies	
Select DS3 Assemblies	34
DS3 bulk Material - Cable & BNC Connectors	43
Ethernet / CAT5E & CAT6 Assemblies	44
Equipment Specific Assembly Listing	
Actelis ML2300	46
Adtran	
Total Access 1148	47
Total Access 1224/ 1248	48
Total Access 3000	50
Total Access 3010	52
Total Access 5000	53
Alcatel GPON ONT	62
Calix	
E5	63
C7	64
Edgeline	
100	65
HUB	66
Fujitsu	
Flashwave 4100 ES	68
Flashwave 4100 LG	70
Flashwave 4500	72
Flashwave 9500	73
Motorola	
AXS2200 OLT	76
GPON MDU ONT	77
OCCAM	78
Tellabs 7100	80
Async Console Cables	84
Notes Page	85



Custom Cable Quick Reference Guide

GR-326 Certified Fiber Optics

Custom Cable operates a world class fiber optic production facility from its 34,500 sq/ft headquarters located in Tampa, Florida. Domestic operations combined with superior global supply chain management, offer the quick turnaround required to ensure network reliability and success.

Production certifications including ISO:9001 and TL9000 drive a lean operation of multiple production lines and assembly shifts that can dynamically expand to meet any changing customer requirements

Custom Cable has partnered with Draka, the world's largest provider of Bend Insensitive fiber, as their exclusive fiber optic cable provider for all GR-326 fiber jumper assembly products. Draka's BendBrightXS® optical fiber is utilized in all of our singlemode jumper products to offer the most advanced G.657 (bend insensitive) assemblies on the market at a bend radius of only 7.5mm.



Draka's worldwide dominance in multimode fiber technology has Custom Cable uniquely positioned in the premise and data center market. All OM3 interconnect patch cords utilize Draka's MaxCap® Laser Optimized optical fiber allowing for the furthest 10-Gigabit transmission in the industry at lengths exceeding 300 meters. Multimode fiber jumpers constructed with Draka's other leading multimode fiber types including OM1 (62.5/125um) and OM2 (50/125) are also available.



Senko Advanced Components, an optical connectivity innovation leader, is our exclusive connector provider for all third party certified GR-326 fiber assembly products. Senko's precision connectors have achieved UL flammability ratings of 94-V0 and are assembled with the lowest concentricity ceramic ferrules available.

Custom Cable offers a full suite of singlemode and multimode jumpers and multifiber trunk assemblies including, but not limited to, the following connector types and/ or cable constructions:

- SC, LC, ST, FC, MU, MTRJ, MTP, & E2000 Connectors
- UPC & APC Polished Endfaces
- Simplex, Duplex, and Round Jumpers
- Distribution, Loose Tube, and Ribbon Multifiber Trunks
- Bend Insensitive Singlemode
- OM1 (62.5um), OM2 (50/125), and OM3 (50/125 10 Gig) Multimode
- OFNR, OFNP, and LSZH Cable Ratings
- Custom Pulling Socks/ Eye

All connectors have achieved UL flammability ratings of 94-V0 and are assembled with the lowest concentricity ceramic ferrules available. All singlemode fiber/cable is also GR-409/GR-20 qualified. Multimode assemblies are machine polished to UPC end face geometry providing increased performance and lower insertion loss over traditional hand polishing.

Custom Cable Quick Reference Guide

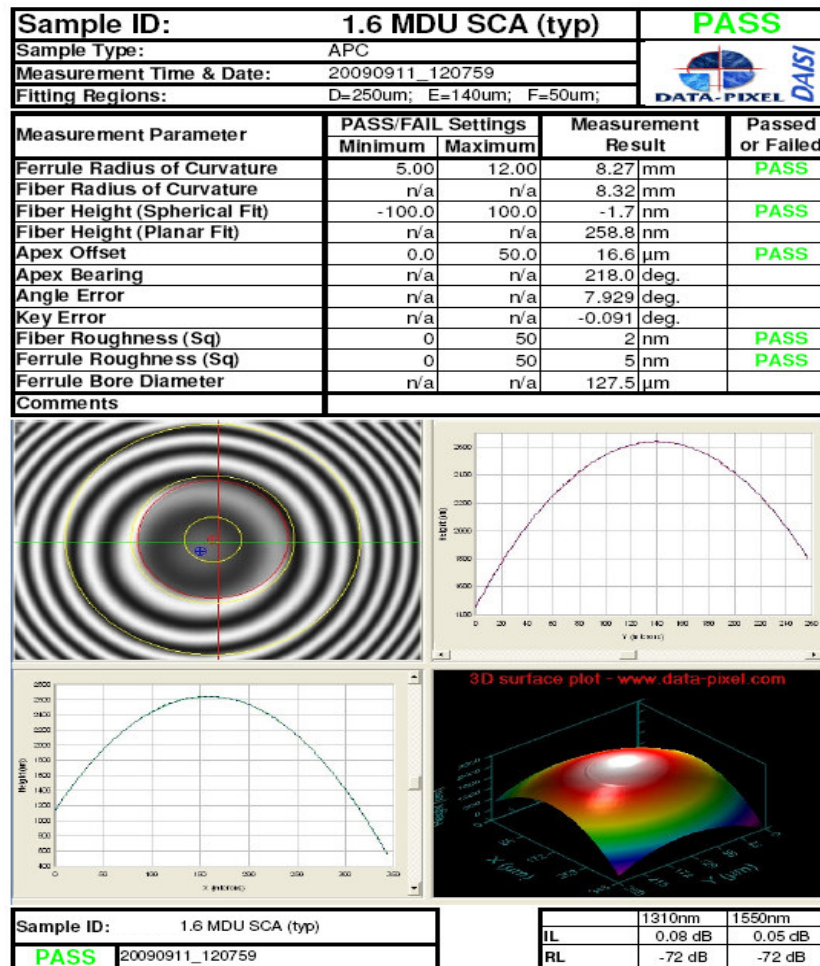
GR-326 Certified Reliability

Custom Cable has undergone rigorous third (3rd) party independent laboratory testing on its fiber optic assemblies to ensure compliance with all Telcordia GR-326 CORE Issue 4 requirements. Documented test data available for all testing of optical performance, end face geometry, and mechanical/ environmental requirements.

Service Life (mechanical testing) & Extended Aging environmental testing) ensure product integrity remains constant over the product's lifetime. Twenty (20) years of day to day stress and harsh installation environments are simulated via Custom Cable third party fiber optic testing certifications.

Custom Cable's commitment to ensure long term reliability of all manufactured fiber optic assemblies is evident in the following in-house capabilities:

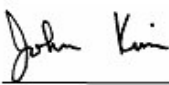
- Programmable Environmental Test Chamber (Temperature / Humidity)
- Fiber Optic End-face Interferometers
- Epoxy Degassing Centrifuge
- Destructive Force/ Pressure Gauge Equipment
- High Resolution Digital Microscopes



Custom Cable is committed to the highest levels of fiber optic quality and reliability: Insertion loss levels under 0.20dB typical via optical test equipment utilizing the most advanced technology available. Traceability via serialization of all optical assemblies & electronically archived test data is standard. Ongoing reliability audits of production equipment & processes ensures the highest level of quality for our products.

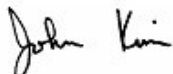
Custom Cable Quick Reference Guide

GR-326-CORE Issue 4 - Certified
- SM Optical Connectors and Jumper Assemblies (LCU)

 TESTING • CERTIFICATION • QUALIFICATION		EXTERIOR LABORATORIES, INC. 1635 IVES AVENUE OXNARD, CA 93033 TEL (805) 483-3400 FAX (805) 483-5484															
CERTIFICATION																	
Exterior Laboratories hereby certifies that the Custom Cable LC/UPC, 2.0 mm SIMPLEX connector complies to the Service Life and Reliability tests specified in GR-326-CORE, Issue 4																	
Customer: Custom Cable Address: 3221 Cherry Palm Dr, Tampa FL, 33619 Contact: Nicholas Marotta E-mail: nmarotta@customcable.com																	
Test Sample Description: LC/UPC, 2.0 mm SIMPLEX singlemode optical connector Test Results: Compliant, to all requirements listed in Reference below.																	
Reference: GR-326-CORE, Issue 4, Sections 4 and 7 Project Number: 11033 Exterior Laboratories Quote Number: 101601C Certificate Issue Date: October 19, 2010																	
<table border="1"> <thead> <tr> <th>Part</th> <th>Manufacturer</th> <th>Part Number</th> </tr> </thead> <tbody> <tr> <td>Connector Kit</td> <td>Senko Advanced Components</td> <td>931-151-142</td> </tr> <tr> <td>Adapters</td> <td>Senko Advanced Components</td> <td>999-111</td> </tr> <tr> <td>Cable</td> <td>Draka Comteq</td> <td>M-520-00-BX-001-M2</td> </tr> <tr> <td>Epoxy</td> <td>EpoTek (Angstrom Bond)</td> <td>353-ND</td> </tr> </tbody> </table>	Part	Manufacturer	Part Number	Connector Kit	Senko Advanced Components	931-151-142	Adapters	Senko Advanced Components	999-111	Cable	Draka Comteq	M-520-00-BX-001-M2	Epoxy	EpoTek (Angstrom Bond)	353-ND		
Part	Manufacturer	Part Number															
Connector Kit	Senko Advanced Components	931-151-142															
Adapters	Senko Advanced Components	999-111															
Cable	Draka Comteq	M-520-00-BX-001-M2															
Epoxy	EpoTek (Angstrom Bond)	353-ND															
For Exterior Laboratories,  John Kim Technical Director	For Exterior Laboratories,  Lorenz Cartellieri QA Manager																

Custom Cable Quick Reference Guide

GR-326-CORE Issue 4 - Certified
- SM Optical Connectors and Jumper Assemblies (SCU)

 EXTERIOR LABORATORIES, INC. 1635 IVES AVENUE OXNARD, CA 93033 TEL (805) 483-3400 FAX (805) 483-5484																
CERTIFICATION																
Exterior Laboratories hereby certifies that the Custom Cable SC/UPC, 2.0 mm SIMPLEX connector complies to the Service Life and Reliability tests specified in GR-326-CORE, Issue 4																
Customer: Custom Cable Address: 3221 Cherry Palm Dr, Tampa FL, 33619 Contact: Nicholas Marotta E-mail: nmarotta@customcable.com																
Test Sample Description: SC/UPC, 2.0 mm SIMPLEX singlemode optical connector Test Results: Compliant, to all requirements listed in Reference below.																
Reference: GR-326-CORE, Issue 4, Sections 4 and 7 Project Number: 11032 Exterior Laboratories Quote Number: 101601C Certificate Issue Date: September 28, 2010																
<table border="1"> <thead> <tr> <th>Part</th> <th>Manufacturer</th> <th>Part Number</th> </tr> </thead> <tbody> <tr> <td>Connector Kit</td> <td>Senko Advanced Components</td> <td>254-191-691</td> </tr> <tr> <td>Adapters</td> <td>Senko Advanced Components</td> <td>222-101</td> </tr> <tr> <td>Cable</td> <td>Draka Comteq</td> <td>M-520-00-BX-001-M2</td> </tr> <tr> <td>Epoxy</td> <td>EpoTek (Angstrom Bond)</td> <td>353-ND</td> </tr> </tbody> </table>	Part	Manufacturer	Part Number	Connector Kit	Senko Advanced Components	254-191-691	Adapters	Senko Advanced Components	222-101	Cable	Draka Comteq	M-520-00-BX-001-M2	Epoxy	EpoTek (Angstrom Bond)	353-ND	
Part	Manufacturer	Part Number														
Connector Kit	Senko Advanced Components	254-191-691														
Adapters	Senko Advanced Components	222-101														
Cable	Draka Comteq	M-520-00-BX-001-M2														
Epoxy	EpoTek (Angstrom Bond)	353-ND														
For Exterior Laboratories,  John Kim Technical Director	For Exterior Laboratories,  Lorenz Cartellieri QA Manager															



Custom Cable Quick Reference Guide

GR-326 Certified Patch Cords - Simplex

Part Number

49367-XXX-MT-R03

**Extended Description**

LC/UPC to LC/UPC pre-terminated 2.0mm simplex indoor fiber jumper cable. Assembly utilizes LC and LC ultra polished connectors with blue 180 degree boots, yellow jacketed OFNR (riser) cable, and Bend Insensitive ($r=7.5\text{mm}$) singlemode fiber. SIMPLEX LC CLIPS ONLY.

Material Code	Part Number	Length	UoM	Description	Price
	49367-XXX-MT-R03	XXX	Meters	LCU/LCU 2.0mm SIMPLEX SM BIF OFNR XXX MT	\$ -

Part Number

49411-XXX-MT-R06

**Extended Description**

LC/UPC to SC/UPC pre-terminated 2.0mm simplex indoor fiber jumper cable. Assembly utilizes LC and SC ultra polished connectors with blue 180 degree boots, yellow jacketed OFNR (riser) cable, and Bend Insensitive ($r=7.5\text{mm}$) singlemode fiber. SIMPLEX LC CLIPS ONLY.

Material Code	Part Number	Length	UoM	Description	Price
	49368-XXX-MT-R03	XXX	Meters	LCU/SCU 2.0mm SIMPLEX SM BIF OFNR XXX MT	\$ -

Part Number

49366-XXX-MT-R03

**Extended Description**

SC/UPC to SC/UPC pre-terminated 2.0mm simplex indoor fiber jumper cable. Assembly utilizes SC and SC ultra polished connectors with blue 180 degree boots, yellow jacketed OFNR (riser) cable, and Bend Insensitive ($r=7.5\text{mm}$) singlemode fiber.

Material Code	Part Number	Length	UoM	Description	Price
	49366-XXX-MT-R03	XXX	Meters	SCU/SCU 2.0mm SIMPLEX SM BIF OFNR XXX MT	\$ -



Custom Cable Quick Reference Guide

GR-326 Certified Patch Cords - Duplex

Part Number

49437-XXX-MT-R06

Extended Description

LC/UPC to LC/UPC pre-terminated 2.0mm duplex zipcord indoor fiber jumper cable. Assembly utilizes LC and LC ultra polished connectors with blue 180 degree boots, yellow jacketed OFNR (riser) cable, and Bend Insensitive (r=7.5mm) singlemode fiber. SIMPLEX LC CLIPS ONLY.



Material Code	Part Number	Length	UoM	Description	Price
	49437-XXX-MT-R06	XXX	Meters	LCU/LCU 2.0mm ZIPCORDER SM BIF OFNR XXX MT	\$ -

Part Number

49411-XXX-MT-R06

Extended Description

LC/UPC to SC/UPC pre-terminated 2.0mm duplex zipcord indoor fiber jumper cable. Assembly utilizes LC and SC ultra polished connectors with blue 180 degree boots, yellow jacketed OFNR (riser) cable, and Bend Insensitive (r=7.5mm) singlemode fiber. SIMPLEX LC CLIPS ONLY.



Material Code	Part Number	Length	UoM	Description	Price
	49411-XXX-MT-R06	XXX	Meters	LCU/SCU 2.0mm ZIPCORDER SM BIF OFNR XXX MT	\$ -

Part Number

78973-XXX-MT-R06

Extended Description

SC/UPC to SC/UPC pre-terminated 2.0mm duplex zipcord indoor fiber jumper cable. Assembly utilizes SC and SC ultra polished connectors with blue 180 degree boots, yellow jacketed OFNR (riser) cable, and Bend Insensitive (r=7.5mm) singlemode fiber.



Material Code	Part Number	Length	UoM	Description	Price
	78973-XXX-MT-R06	XXX	Meters	SCU/SCU 2.0mm ZIPCORDER SM BIF OFNR XXX MT	\$ -



Custom Cable Quick Reference Guide

Fiber Optic Assembly Information - Specifications

Applications

Custom Cable singlemode assemblies meet all levels of GR-326 optical performance, end-face geometry, and overall process quality as evident via third party laboratory testing.

All singlemode cords are manufactured with bend insensitive (MBR <7.5mm) optical fiber. Multimode cords are available in either 50/125 (orange), 62.5/125, as well as 50/125 (aqua) for VCSEL 10 Gigabit transmission. All multimode assemblies are machine polished to UPC end face geometry providing increased performance and lower insertion loss over traditional hand polishing.

Performance

All fiber connectors are machine polished to a scratch-free end face providing increased performance and low return loss. Optical performance is 100% tested to ensure dB loss accuracy for each assembly connector. Each assembly is individually bagged and serialized for archiving of test report data.

Parameter		Singlemode - UPC	Singlemode - APC	Multimode
Connector Styles		FC, LC, SC, ST	FC, LC, SC	FC, LC, SC, ST
Fiber Type		SMF28e, Bend Insensitive	SMF28e, Bend Insensitive	OM1, OM2, OM3, OM4
Operating Wavelength		1260nm ~ 1620nm	1260nm ~ 1620nm	850nm / 1300nm / 1310nm
IL	UPC	$\leq 0.20\text{dB}$	$\leq 0.20\text{dB}$	$\leq 0.40\text{dB}$
	APC	$\leq 0.20\text{dB}$	$\leq 0.20\text{dB}$	~
RL	UPC	$\leq 55\text{dB}$	$\leq 55\text{dB}$	~
	APC	$\leq 65\text{dB}$	$\leq 65\text{dB}$	~
Geometry	ROC	$7\text{mm} \leq R \leq 25\text{mm}$	$5\text{mm} \leq R \leq 12\text{mm}$	~
	Apex	$A \leq 50\mu\text{m}$	$A \leq 50\mu\text{m}$	~
	Height	$-50\mu\text{m} \leq H \leq +50\text{nm}$	$-50\mu\text{m} \leq H \leq +50\text{nm}$	~
Operating Temperature		$-40\text{C} \sim +75\text{C}$		



Features

- GR-326-CORE Issue 4 third party laboratory certification
- Custom Cable utilizes the most reliable material and processes available.
- Materials have achieved UL flammability ratings of 94-V0
- Connectors are assembled with the lowest concentricity ceramic ferrules available.

Custom Cable Quick Reference Guide

Fiber Optic Assembly Information - Standard Connector & Cable Types

Singlemode - UPC

FC - UPC Polish
Blue Boot



LC - UPC Polish
Blue Boot



Mini Boot

SC - UPC Polish
Blue Boot



ST - UPC Polish
Blue Boot



Singlemode - APC

FC - APC Polish
Green Boot



LC - APC Polish
Green Boot



Mini Boot

SC - APC Polish
Green Boot



ST - APC Polish
Green Boot



Multimode - UPC

FC - UPC Polish
White Boot

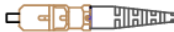


LC - UPC Polish
White Boot

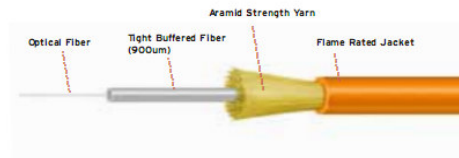


Mini Boot

SC - UPC Polish
White Boot

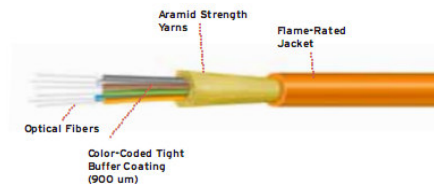


ST - UPC Polish
White Boot



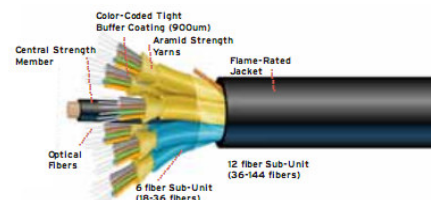
Simplex

Zipcord



MultiFiber
Distribution Style
(≤ 12)

MultiFiber
Distribution Style
(> 12)

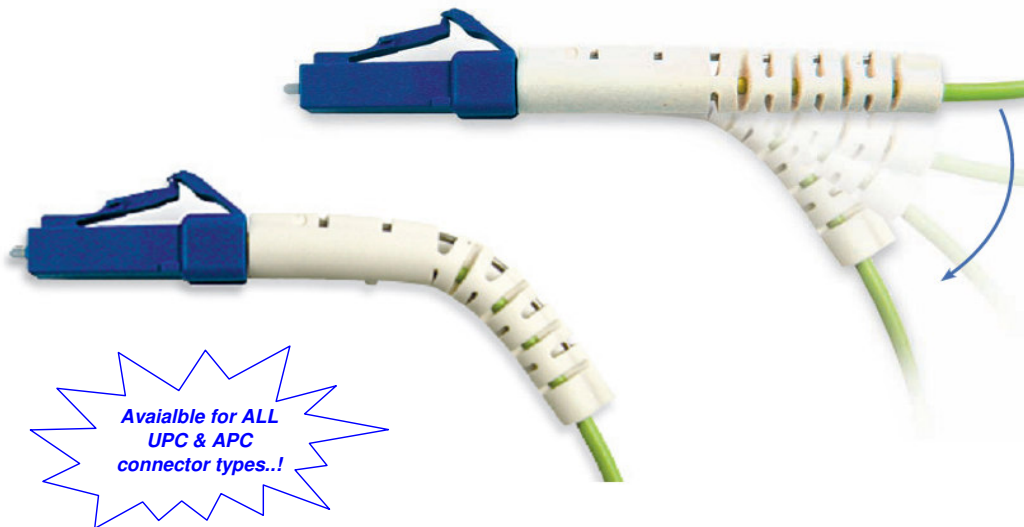


Indoor/ Outdoor Blk Jacket (ref only)

Custom Cable Quick Reference Guide

Fiber Optic Assembly Information - Flexible Fiber Boot

Custom Cable introduces fiber optic assemblies with a new 2mm bendable boot option for all connector types. This new strain relief boot is designed to be formed into any bend angle from straight to 90 degrees. The boot is molded over a single stainless steel wire and can be easily bent by hand. The internal wire holds the boot at the desired shape. Bending the boot into any angle using normal fiber bend radii, the stainless steel wire will continue to function normally after hundreds of bend cycles.



The bendable strain relief boot controls the force and bend radius with little to no increase in insertion loss (tested to GR-326 requirements Section 4.4.3.5, Transmission with Applied Tensile Load).

The straight length of the boot is 1.5" (38.8mm). When assembled into the Uni-body connector the total length is less than the 2.75" maximum connector /adapter overall length requirement defined in GR-326, Section 4.4.6 "Connector Installation". The boot material is the same RoHS compliant and UL94-V0 rated TPE as used on our standard boots.

Summary test data is shown below. The shaded boxes are test objectives. The LCA connector was used for this testing.

Media Type I (2mm reinforced cable)						
Load Angle	R15			R7.5		
	0°	90°	135° *	0°	90°	135° *
0.25kgf	0dB*	0.11dB	0dB	0dB*	0dB	0dB*
0.17kgf	n/a	0.12dB*	0dB*	n/a	0dB*	0dB*
0.7kgf	0dB*	0dB	n/a	0dB*	0dB	n/a
0.47kgf	n/a	0dB*	n/a	n/a	0dB*	n/a
1.5kgf	0.01dB*	0.22dB	n/a	0dB*	0dB	n/a
1.0kgf	n/a	0.08dB*	n/a	n/a	0dB*	n/a
2.0kgf	0.02dB*	0.42dB	n/a	0dB*	0dB	n/a
1.3kgf	n/a	0.26dB*	n/a	n/a	0dB*	n/a

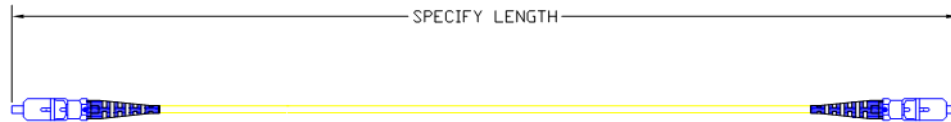
* The 135 degree test the boot was pre-formed to a 90 degree bend angle. The boot was straight (unbent) prior to the 0 degree and 90 degree tests.

Custom Cable Quick Reference Guide

Fiber Optic Assembly Information - Standard Breakout Dimension & Tolerances

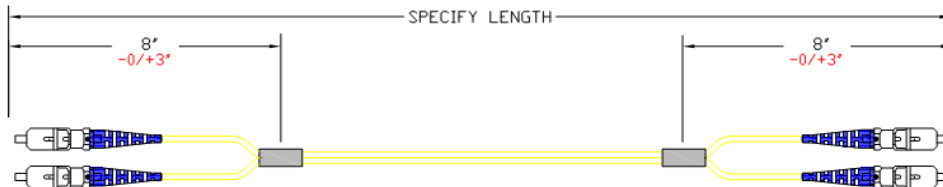
Simplex Jumpers

Custom Cable simplex jumpers are constructed with 2.0mm fiber cable.



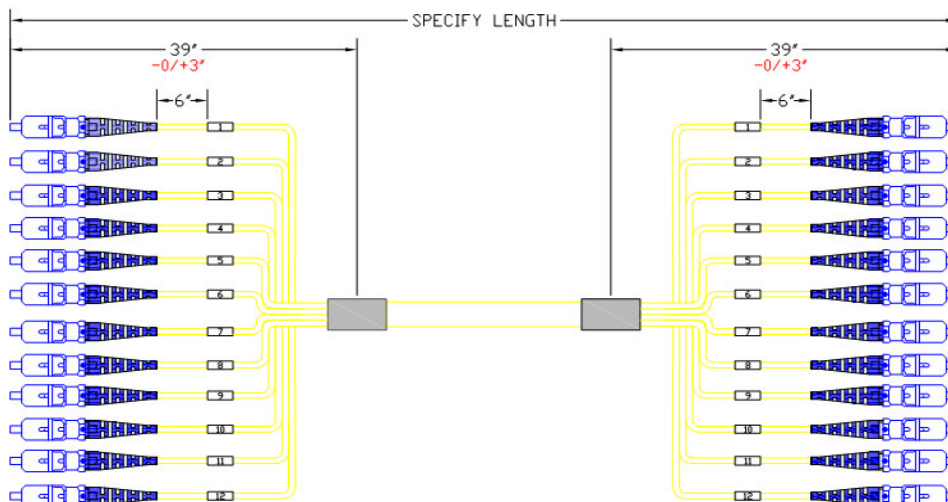
Duplex (Zipcord) Jumpers

Custom Cable zipcord jumpers are constructed with 2.0mm fiber cable and include eight (8) inch breakouts on both assembly ends. The legs are secured with black heatshrink to prevent continued separation. Duplex LC connectors typically utilize simplex clips.



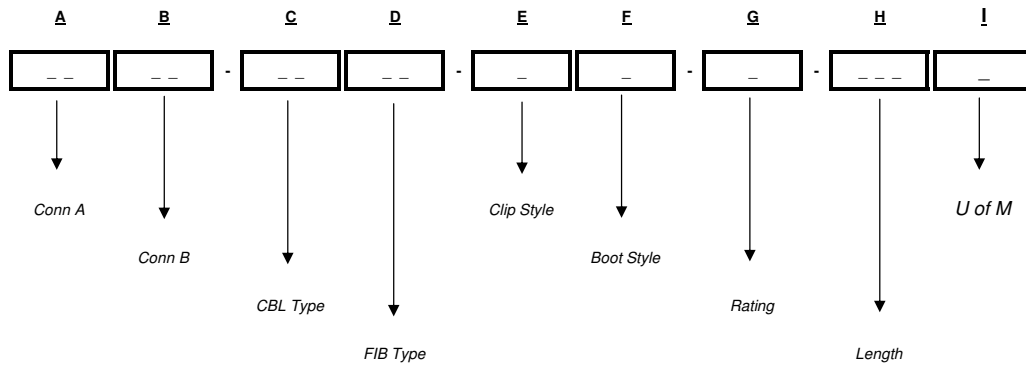
Multifiber Trunk Assemblies (002 thru 144 Fibers)

Custom Cable multifiber cables are constructed with 900um distribution style fiber cable. Standard breakout dimensions are 39" from jacket butt to connector tip. Assembly legs are protected via 2.0mm furcation tubing colored to match the cable assembly jacket. Trunk assemblies with <12 legs include 8" of sub unit breakout prior to the individual leg breakouts. The overall breakout length remains at 39".



Custom Cable Quick Reference Guide

Fiber Optic Assembly Part Number Scheme - GR-326 Compliant



(A & B) Connector/ Polish Type

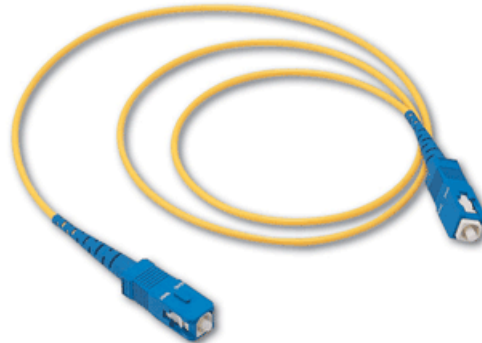
FU (fcu)	FA (fca)
LU (lcu)	LA (lca)
MU (muu)	SA (sca)
SU (scu)	PG (pigtail)
TU (stu)	

(C) Cable Type (jumpers)

00	900um
S6	Simplex 1.6mm
S2	Simplex 2.0mm
S9	Simplex 2.9mm
Z6	Zipcord 1.6mm
Z2	Zipcord 2.0mm
Z9	Zipcord 2.9mm

(C) Cable Count (multifiber)

02	36
04	48
08	72
12	96
24	44 (144)
R9	Duplex Round 2.9mm



(D) Fiber Type

S1	SMF28e Singlemode 9um
BI	Bend Insensitive Singlemode 9um
M1	OM1 Multimode 62.5um
M2	OM2 Multimode 50um
M3	OM3 Multimode 50um Aqua
M4	OM4 Multimode 50um Aqua

(E) Clip Scheme

A	Standard - No duplex clips on any connectors
B	Duplex clips on LC connectors ONLY
C	Custom (see order notes)

(G) Cable Rating

R	OFNR
P	OFNP
N	Indoor/ Outdoor

(H) Length

XXX	w/ leading zeros
-----	------------------

(I) Unit of Measure

M	Meters
F	Feet

(F) Boot Scheme

0	All Short Boots - Short boots on 2.5mm connector types	5	All Zebra Mini/ Telcordia
1	Standard SM - LC Mini only / All others Telcordia style	6	All Zebra Flex style
2	All Flex Boots SM - Flex Boots on ALL connector types	7	All Telcordia (180) style
3	Standard MM - LC Mini only / All others Telcordia style	8	Flex LC only / All others Telcordia style
4	All Flex Boots MM - Flex Boots on ALL connector types	9	Flex LC only / All others Mini style

*Telcordia - Standard style 180 degree boots / SM- blue / MM - white / APC SM - green

* Zebra - Black & White Tx/Rx boot color scheme



Custom Cable Quick Reference Guide

Select SM & MM Jumper Configurations

**Extended Description**

Pre-terminated 2.0mm simplex indoor fiber jumper cable. Assembly utilizes ultra polished connectors with blue 180 degree boots and Yellow jacketed OFNR (riser) cable, and Bend Insensitive Singlemode fiber.

FIB TYPE	Part Number	A	B	Description	Price
SM BIF SMLPX	FUFU-S2BI-A1-R-XXXM	FCU	FCU	FCU/FCU 2.0mm SIMPLEX SM BIF OFNR XXX MT	\$ -
SM BIF SMLPX	FULU-S2BI-A1-R-XXXM	FCU	LCU	FCU/LCU 2.0mm SIMPLEX SM BIF OFNR XXX MT	\$ -
SM BIF SMLPX	FUSU-S2BI-A1-R-XXXM	FCU	SCU	FCU/SCU 2.0mm SIMPLEX SM BIF OFNR XXX MT	\$ -
SM BIF SMLPX	FUTU-S2BI-A1-R-XXXM	FCU	STU	FCU/STU 2.0mm SIMPLEX SM BIF OFNR XXX MT	\$ -
SM BIF SMLPX	LULU-S2BI-A1-R-XXXM	LCU	LCU	LCU/LCU 2.0mm SIMPLEX SM BIF OFNR XXX MT	\$ -
SM BIF SMLPX	LUSU-S2BI-A1-R-XXXM	LCU	SCU	LCU/SCU 2.0mm SIMPLEX SM BIF OFNR XXX MT	\$ -
SM BIF SMLPX	LUTU-S2BI-A1-R-XXXM	LCU	STU	LCU/STU 2.0mm SIMPLEX SM BIF OFNR XXX MT	\$ -
SM BIF SMLPX	SUSU-S2BI-A1-R-XXXM	SCU	SCU	SCU/SCU 2.0mm SIMPLEX SM BIF OFNR XXX MT	\$ -
SM BIF SMLPX	SUTU-S2BI-A1-R-XXXM	SCU	STU	SCU/STU 2.0mm SIMPLEX SM BIF OFNR XXX MT	\$ -
SM BIF SMLPX	TUTU-S2BI-A1-R-XXXM	STU	STU	STU/STU 2.0mm SIMPLEX SM BIF OFNR XXX MT	\$ -

Extended Description

Pre-terminated 2.0mm zipcord indoor fiber jumper cable. Assembly utilizes ultra polished connectors with blue 180 degree boots and Yellow jacketed OFNR (riser) cable, and Bend Insensitive Singlemode fiber.

FIB TYPE	Part Number	A	B	Description	Price
SM BIF ZPCRD	FUFU-Z2BI-A1-R-XXXM	FCU	FCU	FCU/FCU 2.0mm ZIPCORD SM BIF OFNR XXX MT	\$ -
SM BIF ZPCRD	FULU-Z2BI-A1-R-XXXM	FCU	LCU	FCU/LCU 2.0mm ZIPCORD SM BIF OFNR XXX MT	\$ -
SM BIF ZPCRD	FUSU-Z2BI-A1-R-XXXM	FCU	SCU	FCU/SCU 2.0mm ZIPCORD SM BIF OFNR XXX MT	\$ -
SM BIF ZPCRD	FUTU-Z2BI-A1-R-XXXM	FCU	STU	FCU/STU 2.0mm ZIPCORD SM BIF OFNR XXX MT	\$ -
SM BIF ZPCRD	LULU-Z2BI-A1-R-XXXM	LCU	LCU	LCU/LCU 2.0mm ZIPCORD SM BIF OFNR XXX MT	\$ -
SM BIF ZPCRD	LUSU-Z2BI-A1-R-XXXM	LCU	SCU	LCU/SCU 2.0mm ZIPCORD SM BIF OFNR XXX MT	\$ -
SM BIF ZPCRD	LUTU-Z2BI-A1-R-XXXM	LCU	STU	LCU/STU 2.0mm ZIPCORD SM BIF OFNR XXX MT	\$ -
SM BIF ZPCRD	SUSU-Z2BI-A1-R-XXXM	SCU	SCU	SCU/SCU 2.0mm ZIPCORD SM BIF OFNR XXX MT	\$ -
SM BIF ZPCRD	SUTU-Z2BI-A1-R-XXXM	SCU	STU	SCU/STU 2.0mm ZIPCORD SM BIF OFNR XXX MT	\$ -
SM BIF ZPCRD	TUTU-Z2BI-A1-R-XXXM	STU	STU	STU/STU 2.0mm ZIPCORD SM BIF OFNR XXX MT	\$ -

Extended Description

Pre-terminated 2.0mm zipcord indoor fiber jumper cable. Assembly utilizes ultra polished connectors with White 180 degree boots and Orange jacketed OFNR (riser) cable, and 62.5um OM1 Multimode fiber.

FIB TYPE	Part Number	A	B	Description	Price
62.5um OM1 ZPCRD	LULU-Z2M1-A3-R-XXXM	LCU	LCU	LCU/LCU 2.0mm ZIPCORD 62.5um MM OM1 OFNR XXX MT	\$ -
62.5um OM1 ZPCRD	LUSU-Z2M1-A3-R-XXXM	LCU	SCU	LCU/SCU 2.0mm ZIPCORD 62.5um MM OM1 OFNR XXX MT	\$ -
62.5um OM1 ZPCRD	SUSU-Z2M1-A3-R-XXXM	SCU	SCU	SCU/SCU 2.0mm ZIPCORD 62.5um MM OM1 OFNR XXX MT	\$ -

Extended Description

Pre-terminated 2.0mm zipcord indoor fiber jumper cable. Assembly utilizes ultra polished connectors with White 180 degree boots and Orange jacketed OFNR (riser) cable, and 50um OM2 Multimode fiber.

FIB TYPE	Part Number	A	B	Description	Price
50um OM2 ZPCRD	LULU-Z2M2-A3-R-XXXM	LCU	LCU	LCU/LCU 2.0mm ZIPCORD 50um MM OM2 OFNR XXX MT	\$ -
50um OM2 ZPCRD	LUSU-Z2M2-A3-R-XXXM	LCU	SCU	LCU/SCU 2.0mm ZIPCORD 50um MM OM2 OFNR XXX MT	\$ -
50um OM2 ZPCRD	SUSU-Z2M2-A3-R-XXXM	SCU	SCU	SCU/SCU 2.0mm ZIPCORD 50um MM OM2 OFNR XXX MT	\$ -

Extended Description

Pre-terminated 2.0mm zipcord indoor fiber jumper cable. Assembly utilizes ultra polished connectors with White 180 degree boots and Aqua jacketed

FIB TYPE	Part Number	A	B	Description	Price
50um OM3 ZPCRD	LULU-Z2M3-A3-R-XXXM	LCU	LCU	LCU/LCU 2.0mm ZIPCORD 50um MM OM3 OFNR XXX MT	\$ -
50um OM3 ZPCRD	LUSU-Z2M3-A3-R-XXXM	LCU	SCU	LCU/SCU 2.0mm ZIPCORD 50um MM OM3 OFNR XXX MT	\$ -
50um OM3 ZPCRD	SUSU-Z2M3-A3-R-XXXM	SCU	SCU	SCU/SCU 2.0mm ZIPCORD 50um MM OM3 OFNR XXX MT	\$ -

Custom Cable Quick Reference Guide

Select SM APC Jumper Configurations



Extended Description

Pre-terminated 2.0mm simplex indoor fiber jumper cable. Assembly utilizes ANGLED polished connectors with GREEN 180 degree boots and Yellow jacketed OFNR (riser) cable, and Bend Insensitive Singlemode fiber.

FIB TYPE	Part Number	A	B	Description	Price
SM BIF SMLPX	FULA-S2BI-A1-R-XXXM	FCU	LCA	FCU/LCA 2.0mm SIMPLEX SM BIF OFNR XXX MT	\$ -
SM BIF SMLPX	FUSA-S2BI-A1-R-XXXM	FCU	SCA	FCU/SCA 2.0mm SIMPLEX SM BIF OFNR XXX MT	\$ -
SM BIF SMLPX	LALA-S2BI-A1-R-XXXM	LCA	LCA	LCA/LCA 2.0mm SIMPLEX SM BIF OFNR XXX MT	\$ -
SM BIF SMLPX	LALU-S2BI-A1-R-XXXM	LCA	LCU	LCA/LCU 2.0mm SIMPLEX SM BIF OFNR XXX MT	\$ -
SM BIF SMLPX	LASA-S2BI-A1-R-XXXM	LCA	SCA	LCA/SCA 2.0mm SIMPLEX SM BIF OFNR XXX MT	\$ -
SM BIF SMLPX	LATU-S2BI-A1-R-XXXM	LCA	STU	LCA/STU 2.0mm SIMPLEX SM BIF OFNR XXX MT	\$ -
SM BIF SMLPX	SASA-S2BI-A1-R-XXXM	SCA	SCA	SCA/SCA 2.0mm SIMPLEX SM BIF OFNR XXX MT	\$ -
SM BIF SMLPX	SASU-S2BI-A1-R-XXXM	SCA	SCU	SCA/SCU 2.0mm SIMPLEX SM BIF OFNR XXX MT	\$ -
SM BIF SMLPX	SATU-S2BI-A1-R-XXXM	SCA	STU	SCA/STU 2.0mm SIMPLEX SM BIF OFNR XXX MT	\$ -



Extended Description

Pre-terminated 2.0mm zipcord indoor fiber jumper cable. Assembly utilizes ANGLED polished connectors with GREEN 180 degree boots and Yellow jacketed OFNR (riser) cable, and Bend Insensitive Singlemode fiber.

FIB TYPE	Part Number	A	B	Description	Price
SM BIF ZPCRD	FULA-Z2BI-A1-R-XXXM	FCU	LCA	FCU/LCA 2.0mm ZIPCORDER SM BIF OFNR XXX MT	\$ -
SM BIF ZPCRD	FUSA-Z2BI-A1-R-XXXM	FCU	SCA	FCU/SCA 2.0mm ZIPCORDER SM BIF OFNR XXX MT	\$ -
SM BIF ZPCRD	LALA-Z2BI-A1-R-XXXM	LCA	LCA	LCA/LCA 2.0mm ZIPCORDER SM BIF OFNR XXX MT	\$ -
SM BIF ZPCRD	LALU-Z2BI-A1-R-XXXM	LCA	LCU	LCA/LCU 2.0mm ZIPCORDER SM BIF OFNR XXX MT	\$ -
SM BIF ZPCRD	LASA-Z2BI-A1-R-XXXM	LCA	SCA	LCA/SCA 2.0mm ZIPCORDER SM BIF OFNR XXX MT	\$ -
SM BIF ZPCRD	LATU-Z2BI-A1-R-XXXM	LCA	STU	LCA/STU 2.0mm ZIPCORDER SM BIF OFNR XXX MT	\$ -
SM BIF ZPCRD	SASA-Z2BI-A1-R-XXXM	SCA	SCA	SCA/SCA 2.0mm ZIPCORDER SM BIF OFNR XXX MT	\$ -
SM BIF ZPCRD	SASU-Z2BI-A1-R-XXXM	SCA	SCU	SCA/SCU 2.0mm ZIPCORDER SM BIF OFNR XXX MT	\$ -
SM BIF ZPCRD	SATU-Z2BI-A1-R-XXXM	SCA	STU	SCA/STU 2.0mm ZIPCORDER SM BIF OFNR XXX MT	\$ -



Custom Cable Quick Reference Guide

Select Multi-Fiber Configurations



Extended Description

Pre-terminated 900um Distribution style fiber cable. Assembly utilizes ultra polished connectors with blue 180 degree boots and Yellow jacketed OFNR (riser) cable, and Bend Insensitive Singlemode fiber. Legs are furcated to 2.0mm and are 39" in length.

FIB COUNT	Part Number	A	B	Description	Price
004	LULU-04BI-A1-R-XXXM	LCU	LCU	LCU/LCU 39"/39" BRKOUT 004 FIB SM BIF OFNR XXX MT	\$ -
004	LUSU-04BI-A1-R-XXXM	LCU	SCU	LCU/SCU 39"/39" BRKOUT 004 FIB SM BIF OFNR XXX MT	\$ -
004	SUSU-04BI-A1-R-XXXM	SCU	SCU	SCU/SCU 39"/39" BRKOUT 004 FIB SM BIF OFNR XXX MT	\$ -

Extended Description

Pre-terminated 900um Distribution Style indoor fiber cable. Assembly utilizes ultra polished connectors with blue 180 degree boots and Yellow jacketed OFNR (riser) cable, and Bend Insensitive Singlemode fiber. Legs are furcated to 2.0mm and are 39" in length.

FIB COUNT	Part Number	A	B	Description	Price
008	LULU-08BI-A1-R-XXXM	LCU	LCU	LCU/LCU 39"/39" BRKOUT 008 FIB SM BIF OFNR XXX MT	\$ -
008	LUSU-08BI-A1-R-XXXM	LCU	SCU	LCU/SCU 39"/39" BRKOUT 008 FIB SM BIF OFNR XXX MT	\$ -
008	SUSU-08BI-A1-R-XXXM	SCU	SCU	SCU/SCU 39"/39" BRKOUT 008 FIB SM BIF OFNR XXX MT	\$ -

Extended Description

Pre-terminated 900um Distribution Style indoor fiber cable. Assembly utilizes ultra polished connectors with blue 180 degree boots and Yellow jacketed OFNR (riser) cable, and Bend Insensitive Singlemode fiber. Legs are furcated to 2.0mm and are 39" in length.

FIB COUNT	Part Number	A	B	Description	Price
012	LULU-12BI-A1-R-XXXM	LCU	LCU	LCU/LCU 39"/39" BRKOUT 012 FIB SM BIF OFNR XXX MT	\$ -
012	LUSU-12BI-A1-R-XXXM	LCU	SCU	LCU/SCU 39"/39" BRKOUT 012 FIB SM BIF OFNR XXX MT	\$ -
012	SUSU-12BI-A1-R-XXXM	SCU	SCU	SCU/SCU 39"/39" BRKOUT 012 FIB SM BIF OFNR XXX MT	\$ -

Extended Description

Pre-terminated 900um Distribution Style indoor fiber cable. Assembly utilizes ultra polished connectors with blue 180 degree boots and Yellow jacketed OFNR (riser) cable, and Bend Insensitive Singlemode fiber. Legs are furcated to 2.0mm and are 39" in length.

FIB COUNT	Part Number	A	B	Description	Price
024	LULU-24BI-A1-R-XXXM	LCU	LCU	LCU/LCU 39"/39" BRKOUT 024 FIB SM BIF OFNR XXX MT	\$ -
024	LUSU-24BI-A1-R-XXXM	LCU	SCU	LCU/SCU 39"/39" BRKOUT 024 FIB SM BIF OFNR XXX MT	\$ -
024	SUSU-24BI-A1-R-XXXM	SCU	SCU	SCU/SCU 39"/39" BRKOUT 024 FIB SM BIF OFNR XXX MT	\$ -

Extended Description

Pre-terminated 900um Distribution Style indoor fiber cable. Assembly utilizes ultra polished connectors with blue 180 degree boots and Yellow jacketed OFNR (riser) cable, and Bend Insensitive Singlemode fiber. Legs are furcated to 2.0mm and are 39" in length.

FIB COUNT	Part Number	A	B	Description	Price
048	LULU-48BI-A1-R-XXXM	LCU	LCU	LCU/LCU 39"/39" BRKOUT 048 FIB SM BIF OFNR XXX MT	\$ -
048	LUSU-48BI-A1-R-XXXM	LCU	SCU	LCU/SCU 39"/39" BRKOUT 048 FIB SM BIF OFNR XXX MT	\$ -
048	SUSU-48BI-A1-R-XXXM	SCU	SCU	SCU/SCU 39"/39" BRKOUT 048 FIB SM BIF OFNR XXX MT	\$ -

Extended Description

Pre-terminated 900um Distribution Style indoor fiber cable. Assembly utilizes ultra polished connectors with blue 180 degree boots and Yellow jacketed OFNR (riser) cable, and Bend Insensitive Singlemode fiber. Legs are furcated to 2.0mm and are 39" in length.

FIB COUNT	Part Number	A	B	Description	Price
072	LULU-72BI-A1-R-XXXM	LCU	LCU	LCU/LCU 39"/39" BRKOUT 072 FIB SM BIF OFNR XXX MT	\$ -
072	LUSU-72BI-A1-R-XXXM	LCU	SCU	LCU/SCU 39"/39" BRKOUT 072 FIB SM BIF OFNR XXX MT	\$ -
072	SUSU-72BI-A1-R-XXXM	SCU	SCU	SCU/SCU 39"/39" BRKOUT 072 FIB SM BIF OFNR XXX MT	\$ -



Custom Cable Quick Reference Guide

Select Multi-Fiber Configurations



Extended Description

Pre-terminated 900um Distribution Style indoor fiber cable. Assembly utilizes ultra polished connectors with blue 180 degree boots and Yellow jacketed OFNR (riser) cable, and Bend Insensitive Singlemode fiber. Legs are furcated to 2.0mm and are 39" in length.

FIB COUNT	Part Number	A	B	Description	Price
096	LULU-96BI-A1-R-XXXM	LCU	LCU	LCU/LCU 39"/39" BRKOUT 096 FIB SM BIF OFNR XXX MT	\$ -
096	LUSU-96BI-A1-R-XXXM	LCU	SCU	LCU/SCU 39"/39" BRKOUT 096 FIB SM BIF OFNR XXX MT	\$ -
096	SUSU-96BI-A1-R-XXXM	SCU	SCU	SCU/SCU 39"/39" BRKOUT 096 FIB SM BIF OFNR XXX MT	\$ -

Extended Description

Pre-terminated 900um Distribution Style indoor fiber cable. Assembly utilizes ultra polished connectors with blue 180 degree boots and Yellow jacketed OFNR (riser) cable, and Bend Insensitive Singlemode fiber. Legs are furcated to 2.0mm and are 39" in length.

FIB COUNT	Part Number	A	B	Description	Price
144	LULU-44BI-A1-R-XXXM	LCU	LCU	LCU/LCU 39"/39" BRKOUT 144 FIB SM BIF OFNR XXX MT	\$ -
144	LUSU-44BI-A1-R-XXXM	LCU	SCU	LCU/SCU 39"/39" BRKOUT 144 FIB SM BIF OFNR XXX MT	\$ -
144	SUSU-44BI-A1-R-XXXM	SCU	SCU	SCU/SCU 39"/39" BRKOUT 144 FIB SM BIF OFNR XXX MT	\$ -

Custom Cable Quick Reference Guide

Outside Plant (OSP) Single Fiber FTTx Drop Cables

D/E OSP SCA

Extended Description

Pre-terminated RUGGEDIZED SCA Outside Plant drop cable assembly with hardened SC/ APC connector on both ends for use in FTTx applications. Assembly utilizes ESM OSP flat drop cable, and Bend Insensitive Singlemode fiber.



Material Code	Part Number	Length	UoM	Description	Price
	91446-XXX-995	XXX	Feet	SCA OSP (D/E) ESM DIELECTRIC FLAT DROP XXX FT	\$ -

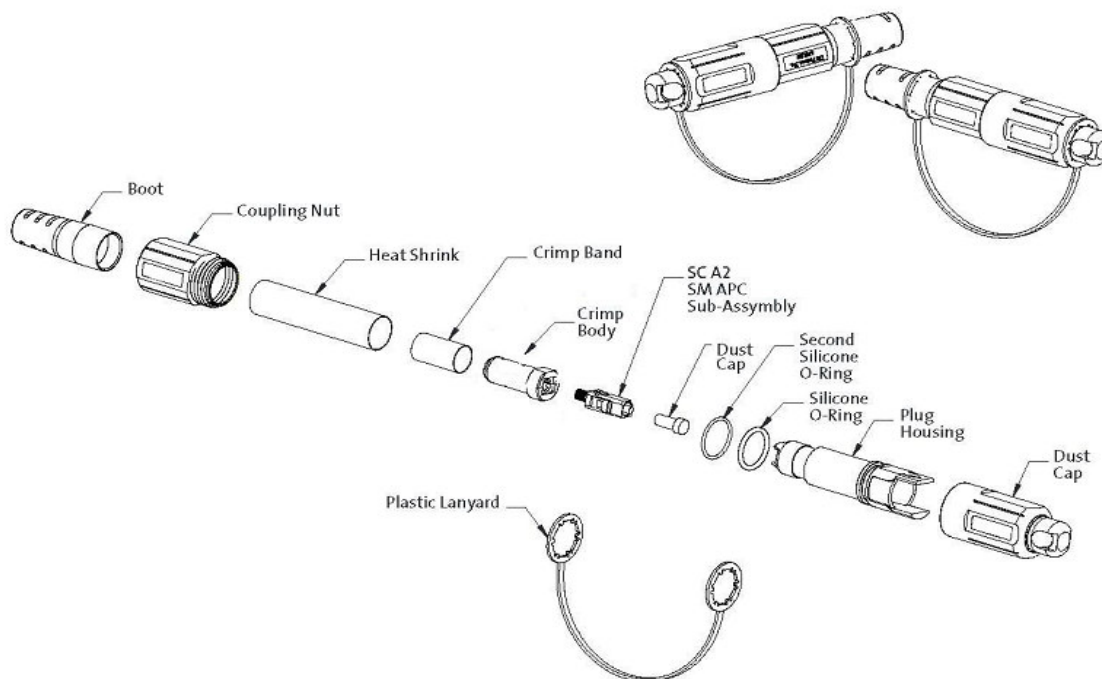
S/E OSP SCA with Standard SCA tail

Extended Description

Pre-terminated RUGGEDIZED SCA Outside Plant drop cable assembly with hardened SC/ APC connector on one end for use in FTTx applications and a standard SC/ APC connector on the other. Assembly utilizes ESM OSP flat drop cable, and Bend Insensitive Singlemode fiber.



Material Code	Part Number	Length	UoM	Description	Price
	91488-XXX-995	XXX	Feet	SCA OSP/ SCA ESM DIELECTRIC FLAT DROP XXX FT	\$ -



*Manufactured under license from Corning Cable Systems

Custom Cable Quick Reference Guide

Fiber Optic Plug & Play Assemblies - Specifications

Application

Custom Cable MTP® trunk cables enable the rapid deployment and turn up of data center applications as well as other high density fiber environments. On site installation time and maintenance is greatly reduced when combined with Custom Cable fiber optic

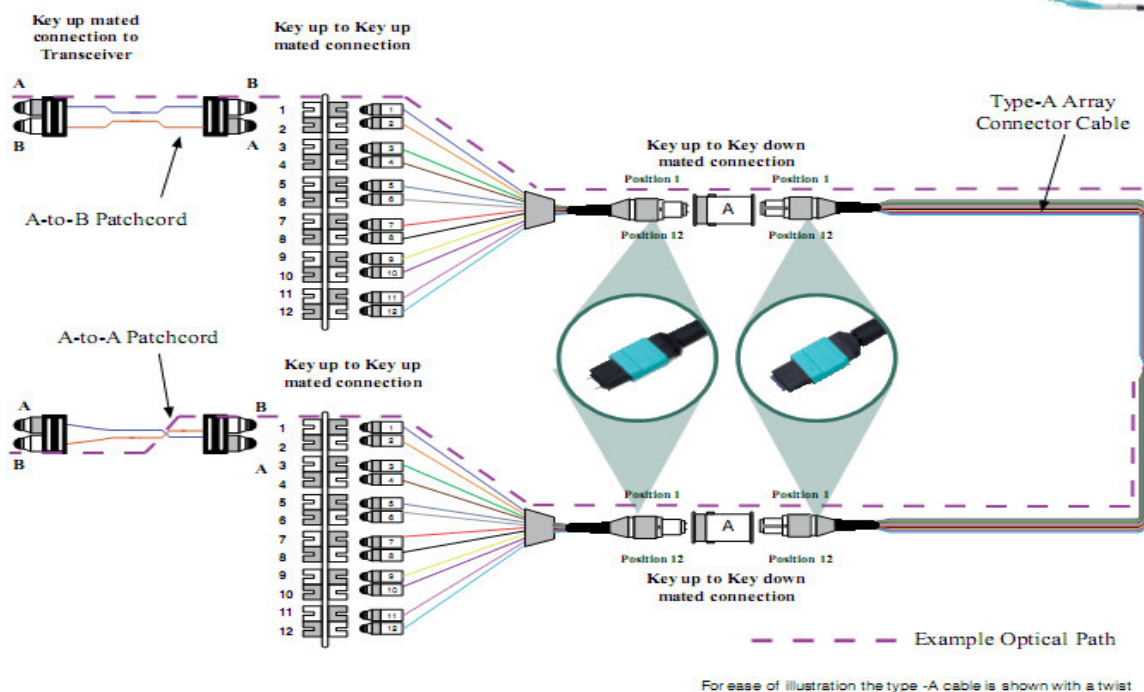
Performance

All MTP® trunk cables are manufactured with 12, 24, or 48 fiber count Micro-Distribution cable which is extremely rugged and allows for greater pathway density and flexibility over traditional ribbon type cable constructions. Each assembly is 100% tested

Type	MTP® Elite® Singlemode	MTP® Singlemode	MTP® Elite® Multimode	MTP® Multimode
Graphic				
Operating Wavelength	1260nm ~ 1620nm	1260nm ~ 1620nm	850nm	850nm / 1300nm / 1310nm
Fiber Type	OS1, OS2	OS1, OS2	OM3, OM4	OM1, OM2, OM3
IL	Typical	0.10dB	0.25dB	0.10dB
	Max	≤ 0.35dB	≤ 0.75dB	≤ 0.35dB
RL	Value	≤ 60dB	≤ 60dB	~
	Polish	Angled	Angled	Flat
Physical	Housing	Yellow	Green	Aqua
	Boot	Black	Black	Black
Operating Temperature	-40C ~ +60C			



Polarity



Packaging

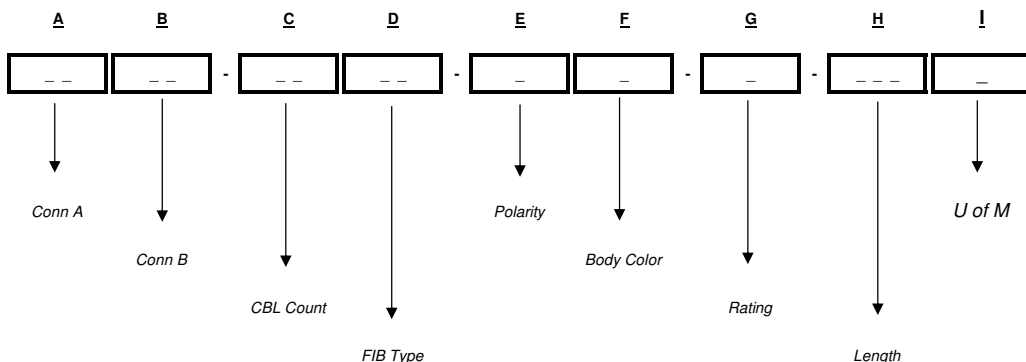
Custom Cable MTP® trunk cables are individually packed and shipped with a unique serial number traceable to insertion and return loss test data. Assemblies under 50 meters in length are hand coiled while longer length assemblies are shipped on reels. Co

®MTP & Elite are registered trademarks of US CONEC

3221 Cherry Palm Drive ~ Tampa, FL 33619
tel 813.623.2232 ~ fax 813.623.3534 ~ customcable.com ~ rev0312.001

Custom Cable Quick Reference Guide

Fiber Optic Assembly Part Number Scheme - **MTP®** Trunks



(A & B) Connector/ Polish Type

SM (US Conec MTP® **male** standard)
 SF (US Conec MTP® **female** standard)
 EM (US Conec MTP® **male** Elite®)
 EF (US Conec MTP® **female** Elite®)
 SU (scu) FU (fcu)
 SA (sca) FA (fca)
 LU (lcu) TU (stc)
 LA (lca) PG (pigtail)

(C) Cable Count

12 012 Fiber Micro-Distribution
 24 024 Fiber Micro-Distribution
 48 048 Fiber Micro-Distribution

(D) Fiber Type

S1 SMF28e Singlemode 9um
 BI Bend Insensitive Singlemode 9um
 M1 OM1 Multimode 62.5um
 M2 OM2 Multimode 50um
 M3 OM3 Multimode 50um Aqua
 M4 OM4 Multimode 50um Aqua

(E) Polarity

A Straight
 B Crossed
 C Crossed Pairs

(F) Body Sleeve Scheme (all boots black)

B Beige (MM)
 A Aqua (MM Elite)
 G Green (SM)
 Y Yellow (SM Elite)



(G) Cable Rating

R OFNR
 P OFNP
 Z LSZH

(H) Length

XXX Length (with leading zeros)

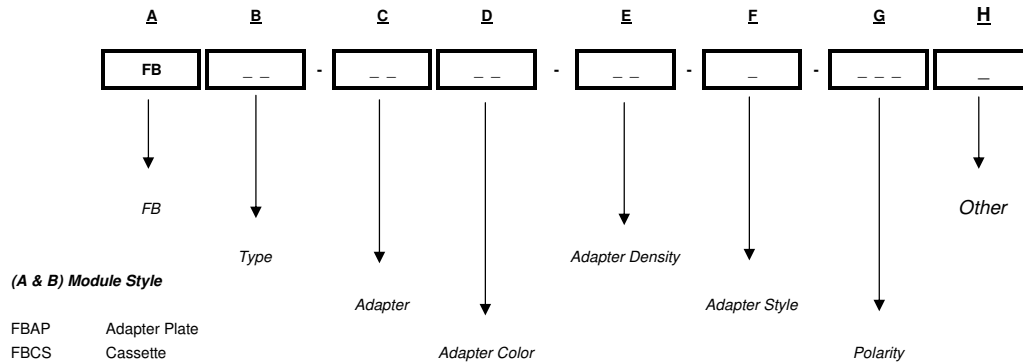
(I) Unit of Measure

M Meters

®MTP & Elite are registered trademarks of US CONEC

Custom Cable Quick Reference Guide

Fiber Optic Plug & Play Part Number Scheme - *Cassettes/ Adapter Plates*



(C) Adapter/ Connector

00 (none)	Blank
SU	SC/ UPC
SA	SC/ APC
LU	LC/ UPC
LA	LC/ APC
FU	FC/ UPC
FA	FC/ APC
TU	ST/ UPC

(D) Color/ Fiber Type

00	Blank
BE	Beige (MM)
BL	Blue (SM)
AQ	Aqua (MM 10 Gig)

(E) Adapter Density

00	Blank
08	
12	
24	

(F) Adapter Style

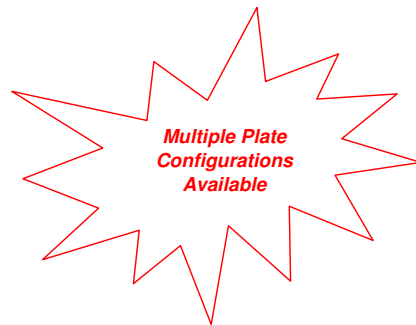
0	Blank
A	Simplex
B	Duplex
C	Quad

(G) Polarity (cassette only)

000	n/a - Adapter Plate
STR	
CRS	Crossed
CRP	Crossed Pairs

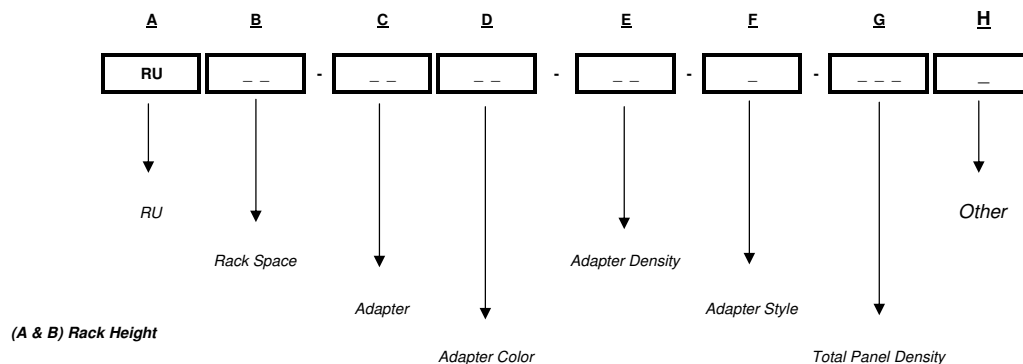
(H) Other

0	n/a
---	-----



Custom Cable Quick Reference Guide

Fiber Optic Plug & Play Part Number Scheme - [Enclosures](#)



(A & B) Rack Height

RU01
RU02
RU04

(C) Adapter

00 (none) n/a - Unloaded Panel
SU SC/ UPC
SA SC/ APC
LU LC/ UPC
LA LC/ APC
FU FC/ UPC
FA FC/ APC
TU ST/ UPC

Unloaded or
Preloaded with
Adapter Plates



(D) Adapter Color

00 n/a - Unloaded Panel
BE Beige (MM)
BL Blue (SM)
AQ Aqua (MM 10 Gig)



(E) Individual Plate Density (Ports)

00 n/a - Unloaded Panel
08
12
24

(F) Adapter Style

0 n/a - Unloaded Panel
A Simplex
B Duplex
C Quad



(G) Total Panel Density (Ports)

000 n/a - Unloaded Panel
XXX Total Ports (with Leading Zeros)

(H) Other

0 n/a

Custom Cable Quick Reference Guide

Fiber Optic Attenuators

Applications

Custom Cable provides singlemode and multimode type attenuators with all standard connector types. These high quality attenuators can be utilized for testing, turn up, or prevention of receiver overload in DWDM systems spanning telecom, CATV, datacom, medical, and military applications.

Specifications

All attenuators are machine polished to a scratch-free end face providing increased performance and low return loss.

Optical performance is 100% tested to ensure dB loss accuracy for each precision doped fiber attenuator. Each attenuator is individually serialized & bagged with actual dB values displayed on the bag label.

		Singlemode - 9/125um	Multimode - 50/125um/62.5/125um
Attenuation Value		0dB to 20dB (1dB increments) / 25dB / 30dB	0dB to 25dB (1dB increments)
Return Loss	SPC	≤ 40dB	~
	UPC	≤ 55dB	~
	APC	≤ 65dB	~
Tolerance	1dB-10dB	± 0.5dB	± 0.5dB
	10dB-15dB	± 1.0dB	± 0.5dB
	15dB-30dB	± 2.0dB	± 0.5dB
Max Power Capability		1 W	
Operating Temperature		-40C ~ +75C	



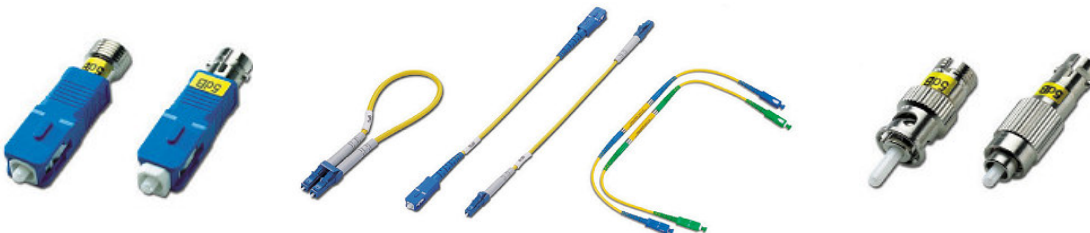
Features

- Premium Doped Fiber Technology
- Supports Power Levels up to 1W
- Very Low Polarization Dependent Loss (PDL)
- Telcordia GR-910-CORE compliant



Custom Cable utilizes the most reliable material and processes available. All connectors are assembled with the lowest concentricity ceramic ferrules available.

In-line and hybrid attenuators also available. Please contact us for custom configurations.



Custom Cable Quick Reference Guide

Fiber Optic Attenuators - Singlemode

Part Number

ATN-BO-FCU-XXX

Extended Description

FC/UPC break-out style fiber optic attenuator. Housing utilizes single body construction and precision doping technology. Return Loss < -55dB & Tolerance +/- 0.5dB for 1-15dB units and +/- 1.0-2.0dB for 15-30db units.



Material Code	Part Number	Attenuation	UoM	Description	Price
	ATN-BO-FCU-001	001	dB	FIBER (B/O STYLE) ATTENUATOR / FCU 001dB	\$ -
	ATN-BO-FCU-002	002	dB	FIBER (B/O STYLE) ATTENUATOR / FCU 002dB	\$ -
	ATN-BO-FCU-003	003	dB	FIBER (B/O STYLE) ATTENUATOR / FCU 003dB	\$ -
11504411	ATN-BO-FCU-005	005	dB	FIBER (B/O STYLE) ATTENUATOR / FCU 005dB	\$ -
11504410	ATN-BO-FCU-010	010	dB	FIBER (B/O STYLE) ATTENUATOR / FCU 010dB	\$ -
11504409	ATN-BO-FCU-015	015	dB	FIBER (B/O STYLE) ATTENUATOR / FCU 015dB	\$ -
	ATN-BO-FCU-025	025	dB	FIBER (B/O STYLE) ATTENUATOR / FCU 025dB	\$ -
	ATN-BO-FCU-030	030	dB	FIBER (B/O STYLE) ATTENUATOR / FCU 030dB	\$ -

Part Number

ATN-BO-FCA-XXX

1260nm ~ 1620nm

Extended Description

FC/APC break-out style fiber optic attenuator. Housing utilizes single body construction and precision doping technology. Return Loss < -55dB & Tolerance +/- 0.5dB for 1-15dB units and +/- 1.0-2.0dB for 15-30db units.



Material Code	Part Number	Attenuation	UoM	Description	Price
	ATN-BO-FCA-001	001	dB	FIBER (B/O STYLE) ATTENUATOR / FCA 001dB	\$ -
	ATN-BO-FCA-002	002	dB	FIBER (B/O STYLE) ATTENUATOR / FCA 002dB	\$ -
	ATN-BO-FCA-003	003	dB	FIBER (B/O STYLE) ATTENUATOR / FCA 003dB	\$ -
11504408	ATN-BO-FCA-005	005	dB	FIBER (B/O STYLE) ATTENUATOR / FCA 005dB	\$ -
11504407	ATN-BO-FCA-010	010	dB	FIBER (B/O STYLE) ATTENUATOR / FCA 010dB	\$ -
11504406	ATN-BO-FCA-015	015	dB	FIBER (B/O STYLE) ATTENUATOR / FCA 015dB	\$ -
11504405	ATN-BO-FCA-020	020	dB	FIBER (B/O STYLE) ATTENUATOR / FCA 020dB	\$ -
	ATN-BO-FCA-025	025	dB	FIBER (B/O STYLE) ATTENUATOR / FCA 025dB	\$ -
	ATN-BO-FCA-030	030	dB	FIBER (B/O STYLE) ATTENUATOR / FCA 030dB	\$ -

Part Number

ATN-BO-LCU-XXX

Extended Description

LC/UPC break-out style fiber optic attenuator. Housing utilizes single body construction and precision doping technology. Return Loss < -55dB & Tolerance +/- 0.5dB for 1-15dB units and +/- 1.0-2.0dB for 15-30db units.



Material Code	Part Number	Attenuation	UoM	Description	Price
	ATN-BO-LCU-001	001	dB	FIBER (B/O STYLE) ATTENUATOR / LCU 001dB	\$ -
	ATN-BO-LCU-002	002	dB	FIBER (B/O STYLE) ATTENUATOR / LCU 002dB	\$ -
11504404	ATN-BO-LCU-005	005	dB	FIBER (B/O STYLE) ATTENUATOR / LCU 005dB	\$ -
11504403	ATN-BO-LCU-010	010	dB	FIBER (B/O STYLE) ATTENUATOR / LCU 010dB	\$ -
11504402	ATN-BO-LCU-015	015	dB	FIBER (B/O STYLE) ATTENUATOR / LCU 015dB	\$ -
11504401	ATN-BO-LCU-020	020	dB	FIBER (B/O STYLE) ATTENUATOR / LCU 020dB	\$ -
	ATN-BO-LCU-025	025	dB	FIBER (B/O STYLE) ATTENUATOR / LCU 025dB	\$ -
	ATN-BO-LCU-030	030	dB	FIBER (B/O STYLE) ATTENUATOR / LCU 030dB	\$ -

Custom Cable Quick Reference Guide

Fiber Optic Attenuators - Singlemode

Part Number

Extended Description

doping technology. Return Loss < -55dB & Tolerance +/- 0.5dB for 1-15dB units and +/- 1.0-2.0dB for 15-30db units.



Material Code	Part Number	Attenuation	UoM	Description	Price
	ATN-BO-SCU-001	001	dB	FIBER (B/O STYLE) ATTENUATOR / SCU 001dB	\$ -
	ATN-BO-SCU-002	002	dB	FIBER (B/O STYLE) ATTENUATOR / SCU 002dB	\$ -
	ATN-BO-SCU-003	003	dB	FIBER (B/O STYLE) ATTENUATOR / SCU 003dB	\$ -
11504423	ATN-BO-SCU-005	005	dB	FIBER (B/O STYLE) ATTENUATOR / SCU 005dB	\$ -
11504422	ATN-BO-SCU-010	010	dB	FIBER (B/O STYLE) ATTENUATOR / SCU 010dB	\$ -
11504421	ATN-BO-SCU-015	015	dB	FIBER (B/O STYLE) ATTENUATOR / SCU 015dB	\$ -
11504420	ATN-BO-SCU-020	020	dB	FIBER (B/O STYLE) ATTENUATOR / SCU 020dB	\$ -
	ATN-BO-SCU-025	025	dB	FIBER (B/O STYLE) ATTENUATOR / SCU 025dB	\$ -
	ATN-BO-SCU-030	030	dB	FIBER (B/O STYLE) ATTENUATOR / SCU 030dB	\$ -

Part Number

ATN-BO-SCA-XXX

Extended Description

SC/APC break-out style fiber optic attenuator. Housing utilizes single body construction and precision doping technology. Return Loss < -55dB & Tolerance +/- 0.5dB for 1-15dB units and +/- 1.0-2.0dB for 15-30db units.



Material Code	Part Number	Attenuation	UoM	Description	Price
	ATN-BO-SCA-001	001	dB	FIBER (B/O STYLE) ATTENUATOR / SCA 001dB	\$ -
	ATN-BO-SCA-002	002	dB	FIBER (B/O STYLE) ATTENUATOR / SCA 002dB	\$ -
	ATN-BO-SCA-003	003	dB	FIBER (B/O STYLE) ATTENUATOR / SCA 003dB	\$ -
11504419	ATN-BO-SCA-005	005	dB	FIBER (B/O STYLE) ATTENUATOR / SCA 005dB	\$ -
11504418	ATN-BO-SCA-010	010	dB	FIBER (B/O STYLE) ATTENUATOR / SCA 010dB	\$ -
11504417	ATN-BO-SCA-015	015	dB	FIBER (B/O STYLE) ATTENUATOR / SCA 015dB	\$ -
11504416	ATN-BO-SCA-020	020	dB	FIBER (B/O STYLE) ATTENUATOR / SCA 020dB	\$ -
	ATN-BO-SCA-025	025	dB	FIBER (B/O STYLE) ATTENUATOR / SCA 025dB	\$ -
	ATN-BO-SCA-030	030	dB	FIBER (B/O STYLE) ATTENUATOR / SCA 030dB	\$ -

Part Number

ATN-BO-STU-XXX

Extended Description

ST/UPC break-out style fiber optic attenuator. Housing utilizes single body construction and precision doping technology. Return Loss < -55dB & Tolerance +/- 0.5dB for 1-15dB units and +/- 1.0-2.0dB for 15-30db units.



Material Code	Part Number	Attenuation	UoM	Description	Price
	ATN-BO-STU-001	001	dB	FIBER (B/O STYLE) ATTENUATOR / STU 001dB	\$ -
	ATN-BO-STU-002	002	dB	FIBER (B/O STYLE) ATTENUATOR / STU 002dB	\$ -
	ATN-BO-STU-003	003	dB	FIBER (B/O STYLE) ATTENUATOR / STU 003dB	\$ -
11504415	ATN-BO-STU-005	005	dB	FIBER (B/O STYLE) ATTENUATOR / STU 005dB	\$ -
11504414	ATN-BO-STU-010	010	dB	FIBER (B/O STYLE) ATTENUATOR / STU 010dB	\$ -
11504413	ATN-BO-STU-015	015	dB	FIBER (B/O STYLE) ATTENUATOR / STU 015dB	\$ -
11504412	ATN-BO-STU-020	020	dB	FIBER (B/O STYLE) ATTENUATOR / STU 020dB	\$ -
	ATN-BO-STU-025	025	dB	FIBER (B/O STYLE) ATTENUATOR / STU 025dB	\$ -
	ATN-BO-STU-030	030	dB	FIBER (B/O STYLE) ATTENUATOR / STU 030dB	\$ -



Custom Cable Quick Reference Guide

Ruggedized OTDR Launch Boxes

Part Number**Extended Description**

Ruggedized launch box (6.250"x8.750"x2.375") for use with OTDR fiber optic testing. Units utilize 1,000 meters of SM fiber and various FC/UPC or SC/UPC connector combinations. Equipped with 3.5 meter blue (3.0mm) test pigtails.



Material Code	Part Number	Side A	Side B	Description	Price
	91044-000-995	FCU	E2000	RGD OTDR BOX/ BLU LEGS 1,000M SMF28e FC/E2000	\$ -
	91045-000-995	FCU	FCU	RGD OTDR BOX/ BLU LEGS 1,000M SMF28e FC/FC	\$ -
	91046-000-995	FCU	LC	RGD OTDR BOX/ BLU LEGS 1,000M SMF28e FC/LC	\$ -
	91047-000-995	FCU	SCU	RGD OTDR BOX/ BLU LEGS 1,000M SMF28e FC/SC	\$ -
	91048-000-995	SCU	E2000	RGD OTDR BOX/ BLU LEGS 1,000M SMF28e SC/E2000	\$ -
	91049-000-995	SCU	LC	RGD OTDR BOX/ BLU LEGS 1,000M SMF28e SC/LC	\$ -
	91050-000-995	SCU	SCU	RGD OTDR BOX/ BLU LEGS 1,000M SMF28e SC/SC	\$ -

Part Number**Extended Description**

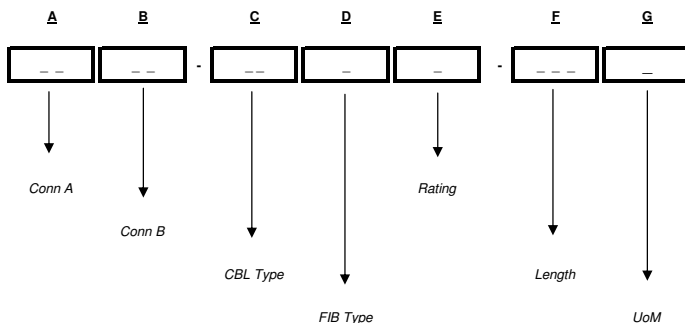
Service charge to REPAIR a single connector on a damaged ruggedized OTDR launch box. Field unit must be returned to Custom Cable for repair. The same "P/N" to be utilized for all connector type repairs.



Material Code	Part Number	Side A	Side B	Description	Price
	91038-000-995	specify	specify	REPAIR - RGD OTDR BOX CONNECTOR - ONE SIDE ONLY	\$ -

Custom Cable Quick Reference Guide

Fiber Optic Assembly Schema & Information



(A & B) Connector/ Polish Type

FU (fcu) FA (fca)
LU (lcu) LA (lca)
MU (muu) SA (sca)
SU (scu) PG (pigtail)
TU (stu)

(C) Cable Type (jumpers)

S6/ S2/ S3 Simplex 1.6mm/ **2.0mm**/ 3.0mm
Z6/ Z2/ Z3 Zipcord 1.6mm/ **2.0mm**/ 3.0mm

(D) Fiber Type

S SMF28e Singlemode 9um
1 OM1 Multimode 62.5um
2 OM2 Multimode 50um
3 OM3 Multimode 50um Aqua

(E) Cable Rating

R OFNR
P OFNP

(F) Length (see tolerance information)

XXX Length (with leading zeros)

(I) Unit of Measure

F Feet
M Meters

Mechanical Information

All UPC SM Boots - BLUE



All APC SM Boots -GREEN



All MM Boots - WHITE



** SM LC connectors are all unibody / Mini Boot construction

NOTES

- * All Duplex zipcord jumper assemblies DO NOT include duplex clips - simplex collars ONLY
- * All Duplex zipcord assemblies include SAME boot color for both connectors
- * All jumper cordage is 2.0mm unless explicitly dictated otherwise via P/N string
- * All assemblies are individually bagged per specification
- * All assemblies are 100% tested to below optical performance specification
- * All assemblies are inspected for endface quality per specification

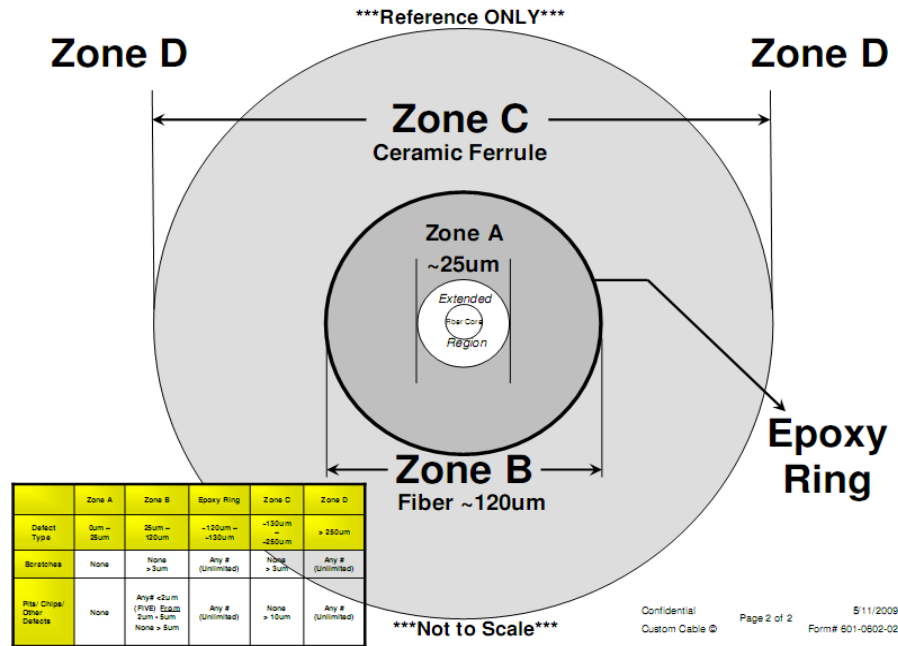
Performance Information

Parameter		Singlemode - UPC	Singlemode - APC
Cable Type		Simplex / Duplex	Simplex / Duplex
Fiber Type		SMF28e	SMF28e
Operating Wavelength		1260nm ~ 1620nm	1260nm ~ 1620nm
IL	UPC	≤ 0.30dB	≤ 0.30dB
	APC	≤ 0.30dB	≤ 0.30dB
RL	UPC	≤ 55dB	≤ 55dB
	APC	≤ 60dB	≤ 60dB
Operating Temperature		-40C ~ +75C	

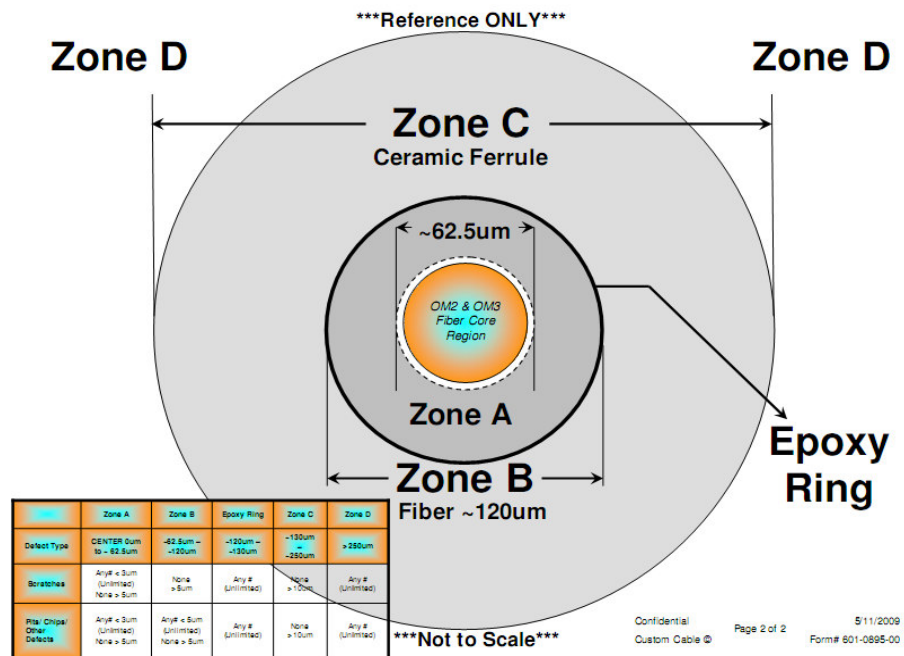
Custom Cable Quick Reference Guide

Endface Inspection Information

Singlemode
100% Inspection



Multimode
100% Inspection



Custom Cable Quick Reference Guide

Length Tolerance, Labeling, & Packaging Information

Simplex jumpers are constructed with 1.6mm/ 2.0mm/ 3.0mm fiber cable and include an **overall length tolerance ~ -0"/+6"**



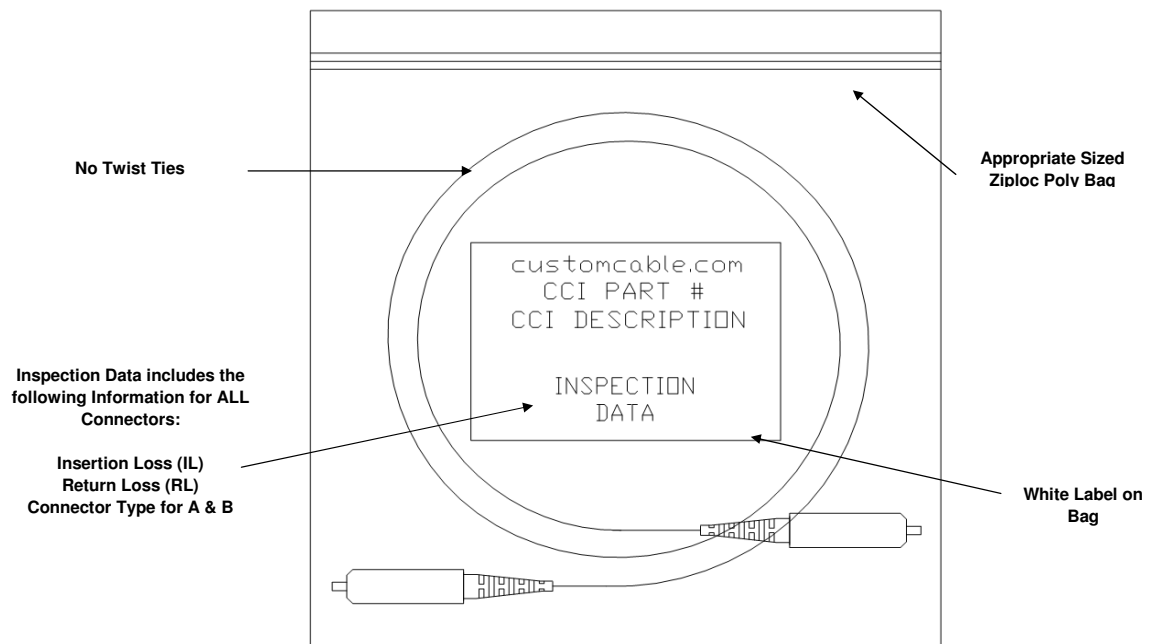
Zipcord jumpers are constructed with 1.6mm/ 2.0mm/ 3.0mm fiber cable and include eight (8) inch breakouts on both assembly ends. Duplex LC connectors utilize simplex clips/ collars only and include an **overall length tolerance ~ -0"/+6"**



**Heatshrink shown for reference only and may not be included*

Bagging Notes:

All connectors include dust caps



Fiber Optic Assembly Stocking Items

Custom Cable stocks multiple lengths of standard fiber optic jumper assemblies in our Tampa, Florida facility for immediate delivery.

Multimode 62.5 Zipcord OFNR
LUST-Z21R-001M
LUST-Z21R-002M
LUST-Z21R-003M
LUST-Z21R-005M
LUST-Z21R-007M
LUST-Z21R-010M
LUST-Z21R-020M

01 Meter, 02 Meter
03 Meter, 05 Meter, 07 Meter
10 Meter, 20 Meter

Custom Cable Quick Reference Guide

Audio / Video Assemblies

HDMI v1.3

High Definition Multimedia Interface cable supporting 1080P high definition digital and uncompressed video & audio on a single cable.



Material Code	Part Numbered	Length	UoM	Description	Price
	47885-010-CBL	010	Feet	HDMI MALE-MALE AUDIO/ VIDEO CABLE 010 FT	\$ -

Component RGB Video & Stereo Audio

High quality video and audio cable with video split into the three Y, Pb/Cb, and Pr/Cr video components along with dual stereo left/ right audio connectors.



Material Code	Part Numbered	Length	UoM	Description	Price
	91486-010-CBL	010	Feet	RCA (5) COMPONENT VIDEO & STEREO AUDIO CABLE 010 FT	\$ -

Component RGB Video

High quality video only cable (separate audio cable required) with video split into the three Y, Pb/Cb, and Pr/Cr video components.



Material Code	Part Numbered	Length	UoM	Description	Price
	47935-010-CBL	010	Feet	RCA (3) COMPONENT VIDEO CABLE 010 FT	\$ -

Optical Audio

High quality optical cable utilizing 650nm wavelength infrared light to transmit optical unaffected by ground loops and/ or interference seen in copper cables.



Material Code	Part Numbered	Length	UoM	Description	Price
	47942-010-CBL	010	Feet	PLASTIC OPTICAL AUDIO INTERFACE CABLE 010 FT	\$ -

Composite Audio & Video

High quality video and audio cable with video carried on a single 75 Ohm RCA coax along with dual stereo left/ right audio connectors.



Material Code	Part Numbered	Length	UoM	Description	Price
	47933-010-CBL	010	Feet	RCA (3) COMPOSITE VIDEO & STEREO AUDIO CABLE 010 FT	\$ -

Stereo Audio

High quality stereo audio only cable (separate video cable required) with left and right channel connectors.



Material Code	Part Numbered	Length	UoM	Description	Price
	47940-010-CBL	010	Feet	RCA (2) DUAL CHANNEL STEREO AUDIO CABLE 010 FT	\$ -

Custom Cable Quick Reference Guide

Audio / Video Assemblies

S-Video

High quality standard definition video only cable (separate audio cable required) with four (4) pin miniDin connector transmitting video over two channels.



Material Code	Part Numbered	Length	UoM	Description	Price
	47934-010-CBL	010	Feet	SVGA (MOLDED) 4 PIN MINI DIN VIDEO CABLE 010 FT	\$ -

RG6 / F Connector Cable TV

High quality shielded 75 Ohm RG6 coax cable with compression F style connectors for low loss cable TV signal transmission.



Material Code	Part Numbered	Length	UoM	Description	Price
	AVP-F-R6-MM-XXX	XXX	Feet	F STYLE CONNECTOR / RG6 COAX CABLE TV CABLE XXX FT	\$ -

Single Line Video

High quality single line RCA video only cable (separate audio cable required) with 75 Ohm coax for low loss video transmission.



Material Code	Part Numbered	Length	UoM	Description	Price
	AVQ-RCA-V-MM-XXX	XXX	Feet	RCA (1) SINGLE CHANNEL 75 OHM VIDEO CABLE XXX FT	\$ -

Single Line Audio

High quality single line RCA audio only cable (separate video cable required) with 75 Ohm coax for low loss audio transmission.



Material Code	Part Numbered	Length	UoM	Description	Price
	AVQ-RCA-A-MM-XXX	XXX	Feet	RCA (1) SINGLE CHANNEL 75 OHM AUDIO CABLE XXX FT	\$ -

Custom Cable Quick Reference Guide

CHAMP - 25 & 32 Pair Assemblies

25 Pair - POTS Assemblies

Extended Description

Single ended 90 degree female, 50 position Amphenol assembly

Assembly utilizes 24 AWG, 25 PR Shielded POTS rated cable (CMR) w/ various hardware



Material Code	Part Number	Length	UoM	Description	Price
	91394-XXX-254	XXX	Feet	S/E F50 CHAMP TO STUB / 24/25 POTS CMR XXX FT	\$ -

Extended Description

Single ended 90 degree male, 50 position Amphenol assembly

Assembly utilizes 24 AWG, 25 PR Shielded POTS rated cable (CMR) w/ various hardware



Material Code	Part Number	Length	UoM	Description	Price
	91526-XXX-254	XXX	Feet	S/E M50 CHAMP TO STUB / 24/25 POTS CMR XXX FT	\$ -

Extended Description

Double ended 90 degree male, 50 position Amphenol assembly

Assembly utilizes 24 AWG, 25 PR Shielded POTS rated cable (CMR) w/ various hardware



Material Code	Part Number	Length	UoM	Description	Price
	91395-XXX-254	XXX	Feet	D/E M50 CHAMP TO M50 CHAMP / 24/25 POTS CMR XXX FT	\$ -

Extended Description

Double ended 90 degree male to 90 degree female, 50 position Amphenol assembly

Assembly utilizes 24 AWG, 25 PR Shielded POTS rated cable (CMR) w/ various hardware



Material Code	Part Number	Length	UoM	Description	Price
	91396-XXX-254	XXX	Feet	D/E M50 CHAMP TO M50 CHAMP / 24/25 POTS CMR XXX FT	\$ -

25 Pair - T100 DS1 Assemblies

Extended Description

Single ended 90 degree female, 50 position Amphenol assembly

Assembly utilizes 24 AWG, 25 PR Shielded T100 rated cable (CMR) w/ various hardware

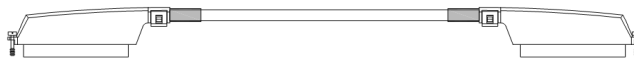


Material Code	Part Number	Length	UoM	Description	Price
	91397-XXX-A02	XXX	Feet	S/E F50 CHAMP TO STUB / 24/25 T100 CMR XXX FT	\$ -

Extended Description

Double ended 90 degree male, 50 position Amphenol assembly

Assembly utilizes 24 AWG, 25 PR Shielded T100 rated cable (CMR) w/ various hardware



Material Code	Part Number	Length	UoM	Description	Price
	91398-XXX-A02	XXX	Feet	D/E M50 CHAMP TO M50 CHAMP / 24/25 T100 CMR XXX FT	\$ -

Custom Cable Quick Reference Guide

CHAMP - 25 & 32 Pair Assemblies

Extended Description

Double ended 90 degree male to 90 degree female, 50 position Amphenol assembly
Assembly utilizes 24 AWG, 25 PR Shielded T100 rated cable (CMR) w/ various hardware



Material Code	Part Number	Length	UoM	Description	Price
	91399-XXX-A02	XXX	Feet	D/E M50 CHAMP TO F50 CHAMP / 24/25 T100 CMR XXX FT	\$ -

32 Pair T100 DS1 Assemblies

Extended Description

Single ended 90 degree female, 64 position Amphenol assembly
Assembly utilizes 24 AWG, 32 PR Shielded T100 rated cable (CMR) w/ various hardware



Material Code	Part Number	Length	UoM	Description	Price
	91400-XXX-A03	XXX	Feet	S/E F50 CHAMP TO STUB / 24/32 T100 CMR XXX FT	\$ -

Extended Description

Double ended 90 degree male, 64 position Amphenol assembly
Assembly utilizes 24 AWG, 32 PR Shielded T100 rated cable (CMR) w/ various hardware



Material Code	Part Number	Length	UoM	Description	Price
	91401-XXX-A03	XXX	Feet	D/E M50 CHAMP TO M50 CHAMP / 24/32 T100 CMR XXX FT	\$ -

Extended Description

Double ended 90 degree male to 90 degree female, 64 position Amphenol assembly
Assembly utilizes 24 AWG, 32 PR Shielded T100 rated cable (CMR) w/ various hardware



Material Code	Part Number	Length	UoM	Description	Price
	91402-XXX-A03	XXX	Feet	D/E M50 CHAMP TO F50 CHAMP / 24/32 T100 CMR XXX FT	\$ -

NOTE

All variations including reverse exits, multiple hardware & drain wire configurations, and backshell styles are also available

**SPECIFIC APPLICATION..?
SEE EQUIPMENT SECTION
OR CONTACT US FOR A
CUSTOM QUOTE**



Custom Cable Quick Reference Guide

DS3 Coax - Single & Dual Conductor Assemblies

Part Number

44803-XXX-760

**Extended Description**

BNC to BNC pre-terminated single conductor 735A Telecommunications coaxial cable. Assembly utilizes Telco grade 180 degree (straight) BNC connectors at both ends and Riser rated indoor cable.

Material Code	Part Number	Length	UoM	Description	Price
	44803-025-760	XXX	Feet	BNC/BNC 180/180 735A SNGLE CONDUCTOR 025FT	\$ -

Part Number

44804-XXX-760

**Extended Description**

BNC to STUB pre-terminated single conductor 735A Telecommunications coaxial cable. Assembly utilizes a Telco grade 180 degree (straight) BNC connector at a single end and Riser rated indoor cable.

Material Code	Part Number	Length	UoM	Description	Price
	44804-025-760	XXX	Feet	BNC/OPN 180/OPN 735A SNGLE CONDUCTOR 025FT	\$ -

Part Number

44874-XXX-760

**Extended Description**

BNC to BNC pre-terminated single conductor 735A Telecommunications coaxial cable with Tracer plug. Assembly utilizes Telco grade 90 degree (right angle) & 180 degree (straight) BNC connectors and Riser rated indoor cable.

Material Code	Part Number	Length	UoM	Description	Price
	44874-025-760	XXX	Feet	BNC/BNC 90/180 735A SNGLE CONDUCTOR 025FT	\$ -

Part Number

44806-XXX-760

**Extended Description**

BNC to LCC pre-terminated single conductor 735A Telecommunications coaxial cable. Assembly utilizes Telco grade 180 degree (straight) BNC & LCC connectors and Riser rated indoor cable.

Material Code	Part Number	Length	UoM	Description	Price
	44806-025-760	XXX	Feet	BNC/LCC 180/180 735A SNGLE CONDUCTOR 025FT	\$ -

Part Number

90252-XXX-760

**Extended Description**

LCC to STUB pre-terminated single conductor 735A Telecommunications coaxial cable. Assembly utilizes a Telco grade 180 degree (straight) LCC connector at a single end and Riser rated indoor cable.

Material Code	Part Number	Length	UoM	Description	Price
	90252-025-760	XXX	Feet	LCC/OPN 180/OPN 735A SNGLE CONDUCTOR 025FT	\$ -



Custom Cable Quick Reference Guide

DS3 Coax - Single & Dual Conductor Assemblies

Part Number

44808-XXX-760

**Extended Description**

BNC to WECO pre-terminated single conductor 735A Telecommunications coaxial cable. Assembly utilizes Telco grade 180 degree (straight) BNC & WECO connectors and Riser rated indoor cable.

Material Code	Part Numbered	Length	UoM	Description	Price
	44808-025-760	XXX	Feet	BNC/WECO 180/180 735A SNGLE CONDUCTOR 025FT	\$ -

Part Number

44810-XXX-760

**Extended Description**

BNC to MINI WECO pre-terminated single conductor 735A Telecommunications coaxial cable. Assembly utilizes Telco grade 180 degree (straight) BNC & MINI WECO connectors and Riser rated indoor cable.

Material Code	Part Numbered	Length	UoM	Description	Price
	44810-025-760	XXX	Feet	BNC/MINI WECO 180/180 735A SNGLE CONDUCTOR 025FT	\$ -

Part Number

44557-XXX-760

**Extended Description**

BNC to MINI SMB pre-terminated single conductor 735A Telecommunications coaxial cable. Assembly utilizes Telco grade 180 degree (straight) BNC & MINI SMB connectors and Riser rated indoor cable.

Material Code	Part Numbered	Length	UoM	Description	Price
	44557-025-760	XXX	Feet	BNC/MINI SMB 180/180 735A SNGLE CONDUCTOR 025FT	\$ -

Part Number

45375-XXX-760

**Extended Description**

BNC to SMB pre-terminated single conductor 735A Telecommunications coaxial cable. Assembly utilizes Telco grade 180 degree (straight) BNC & SMB connectors and Riser rated indoor cable.

Material Code	Part Numbered	Length	UoM	Description	Price
	45585-025-760	XXX	Feet	BNC/SMB 180/180 735A SNGLE CONDUCTOR 025FT	\$ -

Part Number

45375-XXX-760

**Extended Description**

BNC to SMZ pre-terminated single conductor 735A Telecommunications coaxial cable. Assembly utilizes Telco grade 180 degree (straight) BNC & SMZ connectors and Riser rated indoor cable.

Material Code	Part Numbered	Length	UoM	Description	Price
	45375-025-760	XXX	Feet	BNC/SMZ 180/180 735A SNGLE CONDUCTOR 025FT	\$ -

Custom Cable Quick Reference Guide

DS3 Coax - Single & Dual Conductor Assemblies

Part Number

44805-XXX-760

Extended Description

BNC to BNC pre-terminated single conductor 735A Telecommunications coaxial cable with Tracer plug. Assembly utilizes Telco grade 180 degree (straight) BNC connectors at both ends along with a red insulated test plug and Riser rated indoor cable.



	Part Numbered	Length	UoM	Description	Price
	44805-025-760	XXX	Feet	BNC/BNC 180/180 735A SINGLE CONDUCTOR W/ TRCR 025FT	\$ -

Part Number

45201-XXX-772

Extended Description

BNC to BNC pre-terminated dual conductor 735A Telecommunications coaxial cable. Assembly utilizes Telco grade 180 degree (straight) BNC connectors at both ends and Riser rated indoor cable.



Material Code	Part Numbered	Length	UoM	Description	Price
	45201-025-772	XXX	Feet	BNC/BNC 180/180 735A DUAL CONDUCTOR 025FT	\$ -

DS3 Coax - Single & Dual Conductor Assemblies

Part Number

44813-XXX-773

Extended Description

BNC to BNC pre-terminated dual conductor 735A Telecommunications coaxial cable with Tracer plug. Assembly utilizes Telco grade 180 degree (straight) BNC connectors at both ends along with a red insulated test plug and Riser rated indoor cable.



Material Code	Part Numbered	Length	UoM	Description	Price
	44813-025-773	XXX	Feet	BNC/BNC 180/180 735A DUAL CONDUCTOR W/ TRCR 025FT	\$ -



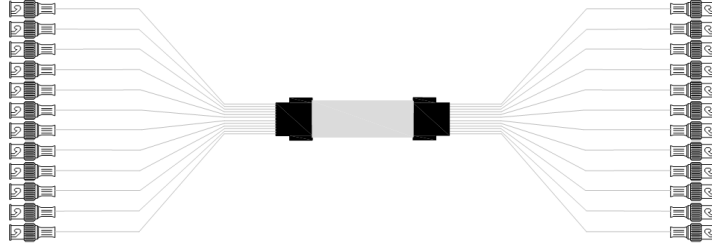
Custom Cable Quick Reference Guide

DS3 Coax - Multi-Conductor Assemblies

Part Number
44821-XXX-A11

Extended Description

BNC to BNC pre-terminated single conductor
735A Telecommunications coaxial cable. Assembly
utilizes Telco grade 180 degree
(straight) BNC connectors at both ends and Riser
rated indoor cable.



Material Code	Part Numbered	Length	UoM	Description	Price
	44821-025-A11	XXX	Feet	BNC/BNC 180/180 735A 012 CONDUCTOR 025FT	\$ -

**SPECIFIC APPLICATION..? SEE
EQUIPMENT SECTION OR
CONTACT US FOR
A CUSTOM QUOTE**

**Other conductor counts
and custom leg stagger
lengths also available**



Custom Cable Quick Reference Guide

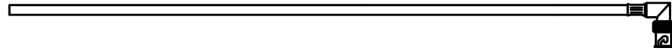
Select DS3 Coax Assemblies

DS3 SINGLE CONDUCTOR BNC/ STUB

Extended Description

Pre-terminated single conductor 735A (RISER) DS3 cable assembly.

Assembly utilizes a 90 degree BNC connector on one end and stub ended on the other.



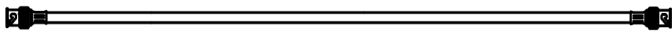
Material Code	Part Number	Length	UoM	Description	Price
	46218-XXX-A09	XXX	Feet	SINGLE CONDUCTOR 735A BNC 90/ STUB XXX FT	\$ -

DS3 SINGLE CONDUCTOR BNC/ BNC

Extended Description

Pre-terminated single conductor 735A (RISER) DS3 cable assembly.

Assembly utilizes 180 degree BNC connectors on both ends.



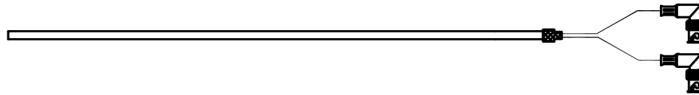
Material Code	Part Number	Length	UoM	Description	Price
	54602-XXX-760	XXX	Feet	SINGLE CONDUCTOR 735A BNC 180/ BNC 180 XXX FT	\$ -

DS3 DUAL CONDUCTOR BNC/ STUB

Extended Description

Pre-terminated dual conductor 735A (RISER) DS3 cable assembly.

Assembly utilizes two (2) 90 degree BNC connectors on one end and stub ended on the other.



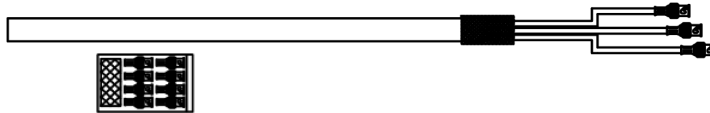
Material Code	Part Number	Length	UoM	Description	Price
	46224-XXX-772	XXX	Feet	DUAL CONDUCTOR 735A BNC 90/ STUB XXX FT	\$ -

DS3 THREE (3) CONDUCTOR BNC/ STUB W/ KIT

Extended Description

Pre-terminated three conductor 735A (RISER) DS3 cable assembly.

Assembly utilizes three (3) 180 degree BNC connectors on one end, and a stub at the other. Leg one (1) is long with a 1" stagger between connectors.



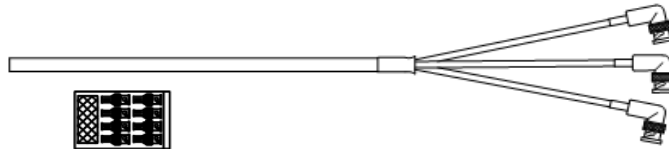
Material Code	Part Number	Length	UoM	Description	Price
	46899-XXX-A29	XXX	Feet	THREE CONDUCTOR 735A BNC 180/ STUB (BNC 180 KIT) XXX FT	\$ -

DS3 THREE (3) CONDUCTOR BNC/ STUB W/ KIT

Extended Description

Pre-terminated three conductor 735A (RISER) DS3 cable assembly.

Assembly utilizes three (3) 90 degree BNC connectors on one end, and a stub at the other. Leg one (1) is long with a 1" stagger between connectors.



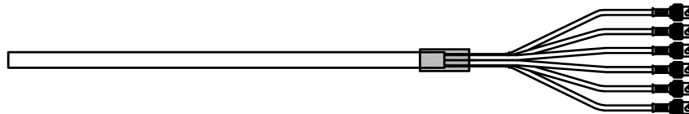
Material Code	Part Number	Length	UoM	Description	Price
	46900-XXX-A29	XXX	Feet	THREE CONDUCTOR 735A BNC 90/ STUB (BNC 180 KIT) XXX FT	\$ -

DS3 SIX (6) CONDUCTOR BNC/ STUB

Extended Description

Pre-terminated three conductor 735A (RISER) DS3 cable assembly.

Assembly utilizes six (6) 180 degree BNC connectors on one end, and a stub at the other. Legs are at an 8" breakout with no stagger.



Material Code	Part Number	Length	UoM	Description	Price
	4729-XXX-A10	XXX	Feet	SIX CONDUCTOR 735A BNC 180/ STUB XXX FT	\$ -

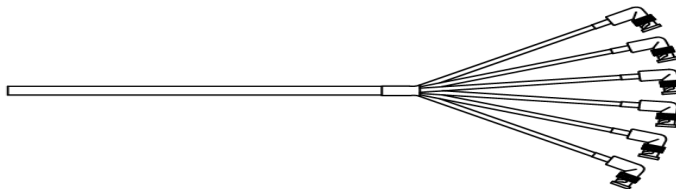
Custom Cable Quick Reference Guide

Select DS3 Coax Assemblies

DS3 SIX (6) CONDUCTOR BNC/ STUB

Extended Description

Pre-terminated three conductor 735A (RISER) DS3 cable assembly.
Assembly utilizes six (6) 90 degree BNC connectors on one end, and a stub at the other. Legs are at a 24" breakout with no stagger.

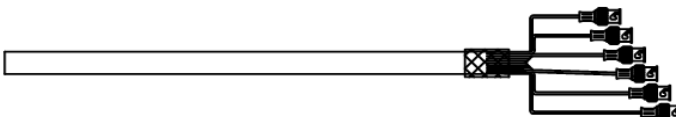


Material Code	Part Number	Length	UoM	Description	Price
	48855-XXX-A34	XXX	Feet	SIX CONDUCTOR 735A BNC 90/ STUB XXX FT	\$ -

DS3 SIX (6) CONDUCTOR BNC/ STUB

Extended Description

Pre-terminated three conductor 734 (RISER) DS3 cable assembly.
Assembly utilizes six (6) 180 degree BNC connectors on one end, and a stub at the other. Leg one (1) is long with a 1" stagger between connectors.

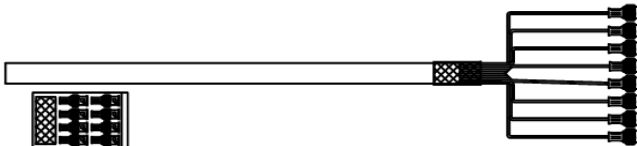


Material Code	Part Number	Length	UoM	Description	Price
	47128-XXX-A33	XXX	Feet	SIX CONDUCTOR 734 BNC 180/ STUB XXX FT	\$ -

DS3 EIGHT (8) CONDUCTOR BNC/ STUB W/ KIT

Extended Description

Pre-terminated eight conductor 735A (RISER) DS3 cable assembly (w/ BNC kit)
Assembly utilizes eight (8) 180 degree BNC connectors on one end, and a stub at the other. Legs are at a 18" breakout with no stagger.

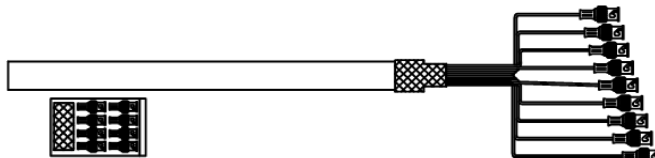


Material Code	Part Number	Length	UoM	Description	Price
	79330-XXX-A71	XXX	Feet	EIGHT CONDUCTOR 735A BNC 180/ STUB (BNC 180 KIT) XXX FT	\$ -

DS3 NINE (9) CONDUCTOR BNC/ STUB W/ KIT

Extended Description

Pre-terminated nine conductor 735A (RISER) DS3 cable assembly (w/ BNC kit)
Assembly utilizes nine (9) 180 degree BNC connectors on one end, and a stub at the other. Leg one (1) is long with a 1" stagger between connectors.

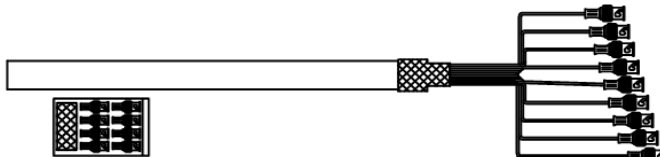


Material Code	Part Number	Length	UoM	Description	Price
	48190-XXX-A38	XXX	Feet	NINE CONDUCTOR 735A BNC 180/ STUB (BNC 180 KIT) XXX FT	\$ -

DS3 NINE (9) CONDUCTOR BNC/ STUB W/ KIT

Extended Description

Pre-terminated nine conductor 734 (RISER) DS3 cable assembly (w/ BNC kit)
Assembly utilizes nine (9) 180 degree BNC connectors on one end, and a stub at the other. Leg one (1) is long with a 1" stagger between connectors.

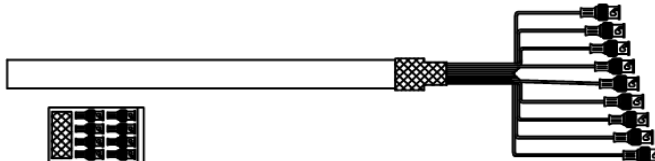


Material Code	Part Number	Length	UoM	Description	Price
	48165-XXX-A44	XXX	Feet	NINE CONDUCTOR 734 BNC 180/ STUB (BNC 180 KIT) XXX FT	\$ -

DS3 NINE (9) CONDUCTOR BNC/ STUB W/ KIT

Extended Description

Pre-terminated nine conductor 735A (RISER) DS3 cable assembly (w/ BNC kit)
Assembly utilizes nine (9) 180 degree BNC connectors on one end, and a stub at the other. Leg nine (9) is long with a 1" stagger between connectors.



Material Code	Part Number	Length	UoM	Description	Price
	48191-XXX-A38	XXX	Feet	NINE CONDUCTOR 735A BNC 180/ STUB (BNC 180 KIT) XXX FT	\$ -

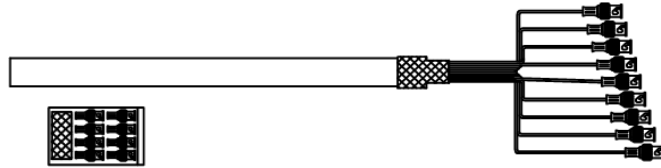
Custom Cable Quick Reference Guide

Select DS3 Coax Assemblies

DS3 NINE (9) CONDUCTOR BNC/ STUB W/ KIT

Extended Description

Pre-terminated nine conductor 734 (RISER) DS3 cable assembly (w/ BNC kit)
Assembly utilizes nine (9) 180 degree BNC connectors on one end, and a stub at the other. Leg nine (9) is long with a 1" stagger between connectors.



Material Code	Part Number	Length	UoM	Description	Price
	48194-XXX-A44	XXX	Feet	NINE CONDUCTOR 734 BNC 180/ STUB (BNC 180 KIT) XXX FT	\$ -

DS3 TWELVE (12) CONDUCTOR BNC/ BNC

Extended Description

Pre-terminated twelve conductor 735A (RISER) DS3 cable assembly
Assembly utilizes twelve (12) degree BNC connectors on both ends.
Leg one (1) is long with a 1/2" stagger between connectors.



Material Code	Part Number	Length	UoM	Description	Price
		XXX	Feet	TWELVE CONDUCTOR 735A BNC 180/ BNC 180 XXX FT	\$ -

DS3 TWELVE (12) CONDUCTOR BNC/ BNC

Extended Description

Pre-terminated twelve conductor 734 (RISER) DS3 cable assembly
Assembly utilizes twelve (12) degree BNC connectors to stub end
Leg one (1) is long with a 1" stagger between connectors.

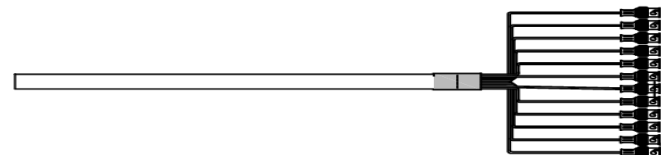


Material Code	Part Number	Length	UoM	Description	Price
	47123-XXX-A20	XXX	Feet	TWELVE CONDUCTOR 734 BNC 180/ BNC 180 XXX FT	\$ -

DS3 TWELVE (12) CONDUCTOR BNC/ STUB

Extended Description

Pre-terminated twelve conductor 735A (RISER) DS3 cable assembly
Assembly utilizes twelve (12) degree BNC connectors on one end, and a stub at the other. Legs are at a 12" breakout with no stagger.

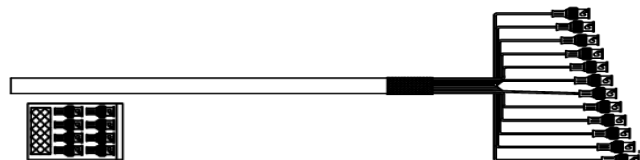


Material Code	Part Number	Length	UoM	Description	Price
	47130-XXX-A11	XXX	Feet	TWELVE CONDUCTOR 735A BNC 180/ STUB XXX FT	\$ -

DS3 TWELVE (12) CONDUCTOR BNC/ STUB W/ KIT

Extended Description

Pre-terminated twelve conductor 735A (RISER) DS3 cable assembly (w/ BNC kit)
Assembly utilizes twelve (12) 180 degree BNC connectors on one end, and a stub at the other. Leg one (1) is long with a 1/2" stagger between connectors.

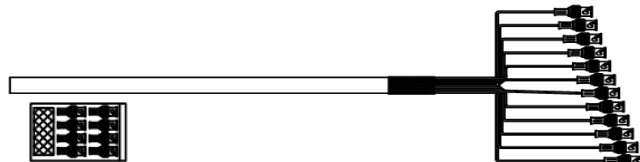


Material Code	Part Number	Length	UoM	Description	Price
	46571-XXX-A11	XXX	Feet	TWELVE CONDUCTOR 735A BNC 180/ STUB (BNC 180 KIT) XXX FT	\$ -

DS3 TWELVE (12) CONDUCTOR BNC/ STUB W/ KIT

Extended Description

Pre-terminated twelve conductor 734 (RISER) DS3 cable assembly (w/ BNC kit)
Assembly utilizes twelve (12) 180 degree BNC connectors on one end, and a stub at the other. Leg one (1) is long with a 1" stagger between connectors.



Material Code	Part Number	Length	UoM	Description	Price
	47124-XXX-A20	XXX	Feet	TWELVE CONDUCTOR 734 BNC 180/ STUB (BNC 180 KIT) XXX FT	\$ -

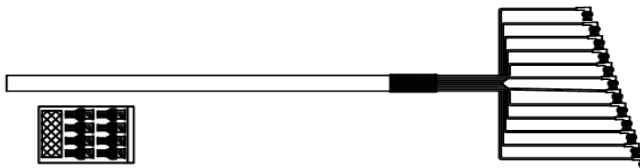
Custom Cable Quick Reference Guide

Select DS3 Coax Assemblies

DS3 TWELVE (12) CONDUCTOR BNC/ STUB W/ KIT

Extended Description

Pre-terminated twelve conductor 735A (RISER) DS3 cable assembly (w/ BNC kit)
Assembly utilizes twelve (12) 90 degree BNC connectors on one end, and a stub at the other. Leg one (1) is long with a 1" stagger between connectors.



Material Code	Part Number	Length	UoM	Description	Price
	47122-XXX-A11	XXX	Feet	TWELVE CONDUCTOR 735A BNC 90/ STUB (BNC 180 KIT) XXX FT	\$ -

DS3 TWELVE (12) CONDUCTOR BNC/ STUB W/ KIT

Extended Description

Pre-terminated twelve conductor 734 (RISER) DS3 cable assembly (w/ BNC kit)
Assembly utilizes twelve (12) 90 degree BNC connectors on one end, and a stub at the other. Leg one (1) is long with a 1" stagger between connectors.

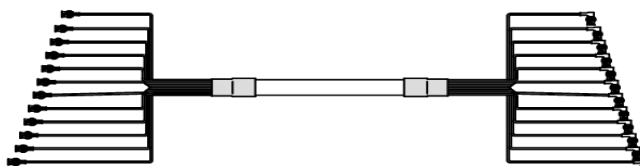


Material Code	Part Number	Length	UoM	Description	Price
	47121-XXX-A20	XXX	Feet	TWELVE CONDUCTOR 734 BNC 90/ STUB (BNC 180 KIT) XXX FT	\$ -

DS3 TWELVE (12) CONDUCTOR BNC/ STUB W/ KIT

Extended Description

Pre-terminated twelve conductor 735A (RISER) DS3 cable assembly
Assembly utilizes twelve (12) 90 degree BNC connectors on one end, and 180 degree on the other end. Leg one (1) is long with a 1" stagger between connectors.

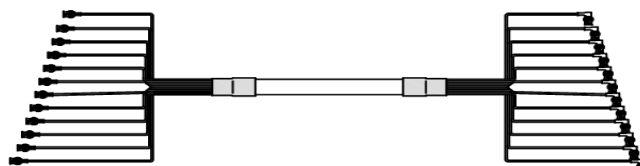


Material Code	Part Number	Length	UoM	Description	Price
	47120-XXX-A11	XXX	Feet	TWELVE CONDUCTOR 735A BNC 90/ BNC 180 XXX FT	\$ -

DS3 TWELVE (12) CONDUCTOR BNC/ STUB W/ KIT

Extended Description

Pre-terminated twelve conductor 734 (RISER) DS3 cable assembly
Assembly utilizes twelve (12) 90 degree BNC connectors on one end, and 180 degree on the other end. Leg one (1) is long with a 1" stagger between connectors.



Material Code	Part Number	Length	UoM	Description	Price
	47119-XXX-A20	XXX	Feet	TWELVE CONDUCTOR 734 BNC 90/ BNC 180 XXX FT	\$ -

KIT - DS3 TWELVE (12) CONDUCTOR ASSEMBLY X 2

Extended Description

Assembly kit consisting of two (2) identical cables. Both assemblies are twelve (12) conductor 735A cable with BNC 180 degree connectors on one end and stub at the other (kit)



Material Code	Part Number	Length	UoM	Description	Price
	46889-XXX-995	XXX	Feet	TWELVE CONDUCTOR 735A BNC 180/ STUB (BNC 180 KIT) XXX FT	\$ -

KIT - DS3 TWELVE (12) CONDUCTOR ASSEMBLY X 2

Extended Description

Assembly kit consisting of two (2) identical cables. Both assemblies are twelve (12) conductor 734 cable with BNC 180 degree connectors on one end and stub at the other (kit)



Material Code	Part Number	Length	UoM	Description	Price
	46892-XXX-995	XXX	Feet	TWELVE CONDUCTOR 734 BNC 180/ STUB (BNC 180 KIT) XXX FT	\$ -



Custom Cable Quick Reference Guide

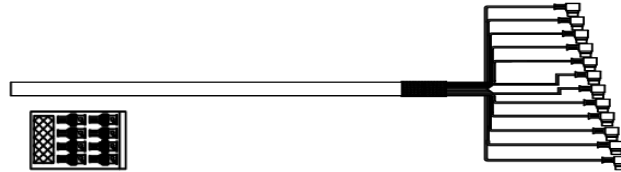
Select DS3 Coax Assemblies

DS3 TWELVE (12) CONDUCTOR MINI SMB/ STUB W/ KIT

Extended Description

Pre-terminated three conductor 735A (RISER) DS3 cable assembly.

Assembly utilizes twelve (12) 90 degree mini SMB connectors on one end, and a stub at the other. Leg one (1) is long with a 3/4" stagger between connectors.



Material Code	Part Number	Length	UoM	Description	Price
	46568-XXX-A11	XXX	Feet	TWELVE CONDUCTOR 735A MINI SMB 90/ STUB (BNC 180 KIT) XXX FT	\$ -

DS3 TWELVE (12) CONDUCTOR MINI SMB/ STUB W/ KIT

Extended Description

Pre-terminated three conductor 735A (RISER) DS3 cable assembly.

Assembly utilizes twelve (12) 90 degree mini SMB connectors on one end, and BNC 180 degree at the other. Leg one (1) is long with a 1" stagger between connectors.



Material Code	Part Number	Length	UoM	Description	Price
	46859-XXX-A11	XXX	Feet	TWELVE CONDUCTOR 735A MINI SMB 90/ BNC 180 XXX FT	\$ -



Custom Cable Quick Reference Guide

Bulk DS3 Coax Material

734 CONNECTORS

75 Ohm BNC connector with 180 or 90 degree exit pin.

Connector utilizes hex crimp sleeve and crimp on center conductor pin for 734 cable.



Material Code	Part Number	Cable	Exit	Description	Price
	BNC734-25	734	180 Degree	BNC (TROMPETER) CONN / 734CABLE 180 DEG EXIT - BAG OF 25	\$ -
	BNC734-RA-25	734	90 Degree	BNC (TROMPETER) CONN/ 734 CABLE 090 DEG EXIT - BAG OF 25	\$ -

735A CONNECTORS

75 Ohm BNC connector with 180 or 90 degree exit pin.

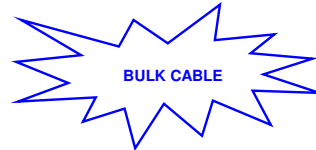
Connector utilizes hex crimp sleeve and crimp on center conductor pin for 735A cable.



Material Code	Part Number	Cable	Exit	Description	Price
	BNC735A-25	735A	180 Degree	BNC (TROMPETER) CONN/ 735A CABLE 180 DEG EXIT - BAG OF 25	\$ -
	BNC735A-RA-25	735A	90 Degree	BNC (TROMPETER) CONN/ 735A CABLE 090 DEG EXIT - BAG OF 25	\$ -

734 CABLE - 500 FT & 1,000 FT REELS ONLY

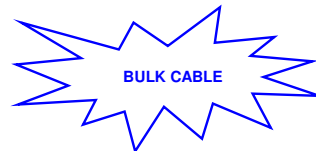
DS3 734 coaxial cable with XXX 20 AWG conductors. Cable utilizes gray overall jacket with a CMR rating. **500 FT Reel; XXX = 500 / 1,000 FT Reel; XXX = 000**



Material Code	Part Number	Cable Type	Length	Description	Price
	73401-RL-XXX	734	XXX	DS3 20 AWG 01 COND 734 DS-3/4 BC CMR - 500 / 1K FT REEL	\$ -
	73402-RL-XXX	734	XXX	DS3 20 AWG 02 COND 734 DS-3/4 BC CMR - 500 / 1K FT REEL	\$ -
	73403-RL-XXX	734	XXX	DS3 20 AWG 03 COND 734 DS-3/4 BC CMR - 500 / 1K FT REEL	\$ -
	73406-RL-XXX	734	XXX	DS3 20 AWG 06 COND 734 DS-3/4 BC CMR - 500 / 1K FT REEL	\$ -
	73409-RL-XXX	734	XXX	DS3 20 AWG 09 COND 734 DS-3/4 BC CMR - 500 / 1K FT REEL	\$ -
	73412-RL-XXX	734	XXX	DS3 20 AWG 12 COND 734 DS-3/4 BC CMR - 500 / 1K FT REEL	\$ -

735A CABLE - 500 FT & 1,000 FT REELS ONLY

DS3 735A coaxial cable with XXX 26 AWG conductors. Cable utilizes gray overall jacket with a CMR rating. **500 FT Reel; XXX = 500 / 1,000 FT Reel; XXX = 000**



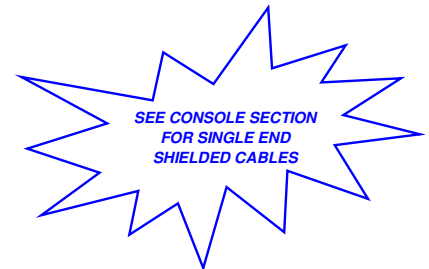
Material Code	Part Number	Cable Type	Length	Description	Price
	735A01-RL-XXX	735A	XXX	DS3 26 AWG 01 COND 735A DS-3/4 SPC CMR - 500 / 1K FT REEL	\$ -
	735A1T-RL-XXX	735A	XXX	DS3 26 AWG 01 COND TRCR 735A DS-3/4 SPC CMR - 500 / 1K FT REEL	\$ -
	735A02-RL-XXX	735A	XXX	DS3 26 AWG 02 COND 735A DS-3/4 SPC CMR - 500 / 1K FT REEL	\$ -
	735A2T-RL-XXX	735A	XXX	DS3 26 AWG 02 COND TRCR 735A DS-3/4 SPC CMR - 500 / 1K FT REEL	\$ -
	735A03-RL-XXX	735A	XXX	DS3 26 AWG 03 COND 735A DS-3/4 SPC CMR - 500 / 1K FT REEL	\$ -
	735A06-RL-XXX	735A	XXX	DS3 26 AWG 06 COND 735A DS-3/4 SPC CMR - 500 / 1K FT REEL	\$ -
	735A08-RL-XXX	735A	XXX	DS3 26 AWG 08 COND 735A DS-3/4 SPC CMR - 500 / 1K FT REEL	\$ -
	735A09-RL-XXX	735A	XXX	DS3 26 AWG 09 COND 735A DS-3/4 SPC CMR - 500 / 1K FT REEL	\$ -
	735A12-RL-XXX	735A	XXX	DS3 26 AWG 12 COND 735A DS-3/4 SPC CMR - 500 / 1K FT REEL	\$ -

Custom Cable Quick Reference Guide

Ethernet Patch Cables - CAT5E & CAT6 Assemblies

UTP Cable Color Identification Chart

COLOR		YYY		COLOR		YYY	
NAME	ABRV	CAT5E	CAT6	NAME	ABRV	CAT5E	CAT6
Black	BLK	266	373	Pink	PNK	257	380
Blue	BLU	299	377	Red	RED	297	378
Gray	GRY	267	374	Violet	VIO	246	379
Green	GRN	270	375	White	WHT	265	372
Orange	ORG	245	370	Yellow	YEL	296	376



Stranded, Straight Patch Cables - Unshielded

53001-XXX-YYY

Extended Description

Straight 4 PAIR Ethernet patch cord. Assembly utilizes 24 AWG stranded cat5e cable and non snagless modular plugs. XXX = length / YYY = cable code (above)



Material Code	Part Number	Length	UoM	Description	Price
	53001-XXX-YYY	XXX	Feet	CAT5E ETHRNT PATCH CORD - 568B STRAIGHT XXX FT / GRAY	\$ -

Stranded, Crossover Patch Cables - Unshielded

53160-XXX-YYY

Extended Description

Crossover 568A/B Ethernet patch cord. Assembly utilizes 24 AWG stranded cat5e cable and non snagless modular plugs. XXX = length / YYY = cable code (above)



Material Code	Part Numbered	Length	UoM	Description	Price
	53160-XXX-YYY	XXX	Feet	CAT5E ETHRNT PATCH CORD - 2 PAIR X-OVER XXX FT / YELLOW	\$ -

Stranded, Straight Patch Cables - Unshielded

49158-XXX-YYY

Extended Description

Straight 4 PAIR Ethernet patch cord. Assembly utilizes 24 AWG stranded cat6 cable and clear snagless & booted modular plugs. XXX = length / YYY = cable code (above)



Material Code	Part Numbered	Length	UoM	Description	Price
	49158-XXX-YYY	XXX	Feet	CAT6 ETHRNT PATCH CORD - 568B STRAIGHT XXX FT	\$ -

Stranded, Crossover Patch Cables - Unshielded

49159-XXX-YYY

Extended Description

Crossover 568A/B Ethernet patch cord. Assembly utilizes 24 AWG stranded cat6 cable and clear snagless & booted modular plugs. XXX = length / YYY = cable code (above)

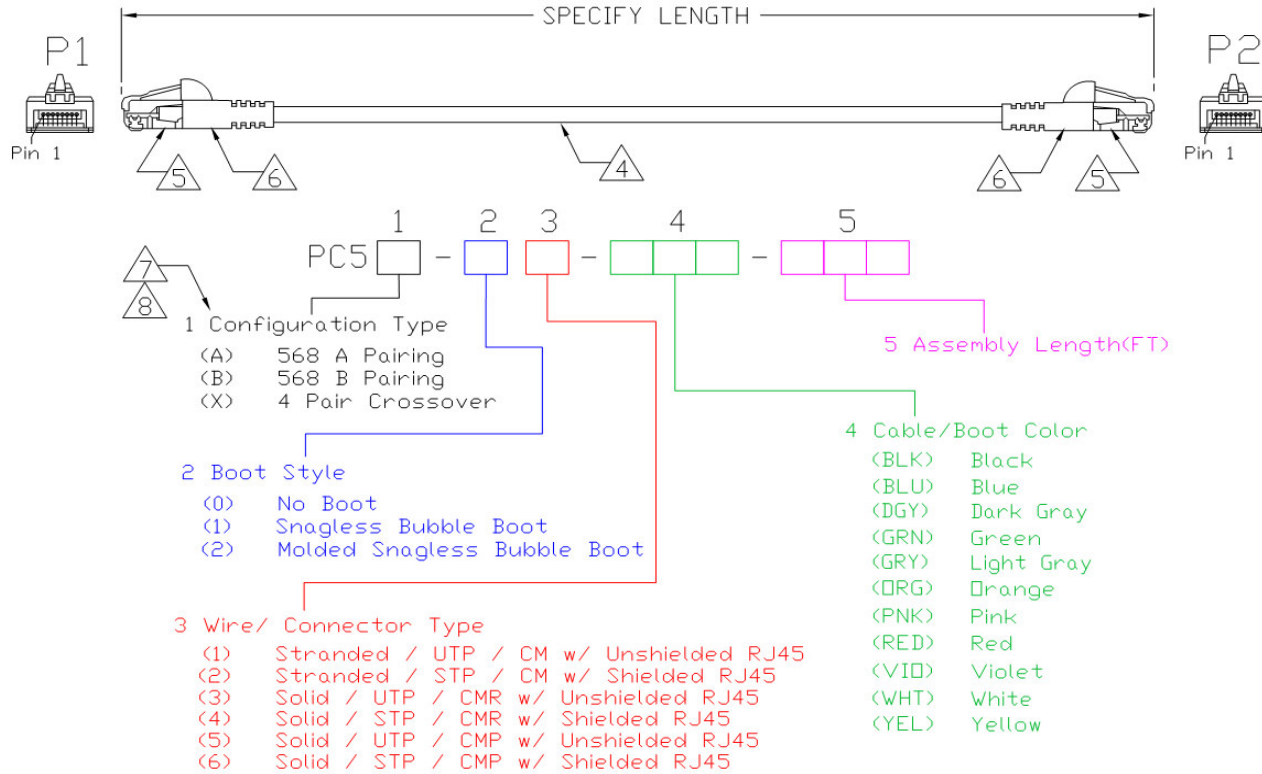


Material Code	Part Numbered	Length	UoM	Description	Price
	49159-XXX-YYY	XXX	Feet	CAT6 ETHRNT PATCH CORD - 4 PAIR X-OVER XXX FT	\$ -

Custom Cable Quick Reference Guide

Ethernet Patch Cables - CAT5E & CAT6 Assemblies

Standard Length Stocking Patch Cords

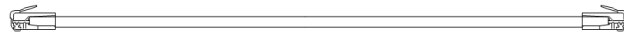


Standard Stocking CAT5E Patch Cord - Standard Lengths

PC5

Extended Description

Straight 4 PAIR Ethernet patch cord. Assembly utilizes 24 AWG stranded cat5e cable and non snagless modular plugs.



Material Code	Part Numbered	Length	UoM	Description	Price
	PC5B-01-GRY-XXX	XXX	Feet	CAT5E ETHRNT PATCH CORD - 568B STRAIGHT XXX FT / GRAY	\$ -

Standard Stocking CAT6 Patch Cord - Standard Lengths

PC6

Extended Description

Straight 4 PAIR Ethernet patch cord. Assembly utilizes 24 AWG stranded cat6 cable and non snagless modular plugs.



Material Code	Part Numbered	Length	UoM	Description	Price
	PC6B-01-GRY-XXX	XXX	Feet	CAT6 ETHRNT PATCH CORD - 568B STRAIGHT XXX FT / GRAY	\$ -



Custom Cable Quick Reference Guide

Actelis ML2300 - DS1 (1161A) Assembly

Single ended 90 degree male 64 position Amphenol assembly w/ single screw f/u/w the Actelis ML2300 DF. Assembly utilizes 24 AWG / 32 PR 1161 Style cable.



Material Code	Part Number	Length	UoM	Description	Price
	91033-XXX-A89	XXX	Feet	ACTELIS DS1 Cable M64 CHAMP / Stub 24/32 XXX FT	\$ -

Custom Cable Quick Reference Guide

TA 1148 - Outside plant POTS and DSL/POTS Cables

Tyco 90 degree female Amphenol connector x4 (single 0.425" screw) to
3M 710 splice connector (x4) f/u/w the Adtran Total Access 1148.
Assembly utilizes 26 AWG 100 PR gel filled OSP Cable & fitting.



Material Code	Part Number	Length	UoM	Description	Price
	91137-XXX-995	XXX	Feet	ADTRAN TA1148 OSP 100 PR (ref 1179812G4) - 3M 710 XXXFT	\$ -

Tyco 90 degree female Amphenol connector x4 (single 0.425" screw) to
3M MS2 connector (x4) f/u/w the Adtran Total Access 1148.
Assembly utilizes 26 AWG 100 PR gel filled OSP Cable & fitting.



Material Code	Part Number	Length	UoM	Description	Price
	91138-XXX-995	XXX	Feet	ADTRAN TA1148 OSP 100 PR (ref 1179812G1) - 3M MS2 XXXFT	\$ -



Custom Cable Quick Reference Guide

TA 1224 / TA 1248 - Individual Hook-Up Cables

Ground Wire

12 AWG green ground wire w/ 1/4" ring terminals / RHH-LS.



Material Code	Part Number	Length	UoM	Description	Price
	47463-000-995	001	Feet	ADTRAN TA1224/1248 Frame GND Wire - 12 AWG Green 001 FT	\$ -

Power Wire (Twisted)

14 AWG Twisted RHH-LS power wire - BULK



Material Code	Part Number	Length	UoM	Description	Price
	CP1014TW-01/07	Per Order	Feet	ADTRAN TA1224/1248 PWR Wire - 14 AWG Twisted RED/BLK	\$ -

Craft Management

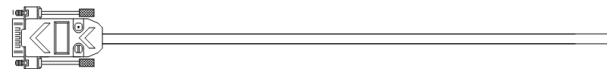
Double ended 9 Pin male DSUB assembly utilizing 24 AWG/ 7 Conductor cable f/u/w the Adtran TA 1224 or TA1248.



Material Code	Part Number	Length	UoM	Description	Price
	48166-XXX-107	XXX	Feet	ADTRAN TA1224/1248 Craft Management Cable - M9D/M9D XXX FT	\$ -

Alarm Cable

Single ended Male 15 Double Density DSUB assembly utilizing 24 AWG/ 12 Pair solid cable and thumb screws f/u/w the Adtran TA 1224 or TA1248.



Material Code	Part Number	Length	UoM	Description	Price
	47461-XXX-20W	XXX	Feet	ADTRAN TA1224/1248 Alarm Cable HDDM15/ Stub 24 AWG XXX FT	\$ -

CHAMP to Wire wrap

Single ended female 50 position CHAMP assembly. Assembly utilizes 24 AWG/ 25 PR solid (shielded) cable with extended ring terminal drain wire.



Material Code	Part Number	Length	UoM	Description	Price
	47462-XXX-254	XXX	Feet	ADTRAN TA1224/1248 F50 CHAMP / Stub 24/25 SHLD DRN XXX FT	\$ -



Custom Cable Quick Reference Guide

TA 1224 / TA 1248 - Individual Hook-Up Cables

CHAMP to Connectorized Block

Double ended female 50 position CHAMP assembly. Assembly utilizes 24 AWG/ 25 PR solid (shielded) cable with extended ring terminal drain wire on one end.



Material Code	Part Number	Length	UoM	Description	Price
	48167-XXX-254	XXX	Feet	ADTRAN TA1224/1248 F50 / F50 CHAMP 24/25 SHLD DRN XXX FT	\$ -

TA1224 Cable Kit

Cable Assembly Kit t/u/w the Adtran TA 1224. Kit consists of fifty (50) FT of twisted RED/NLK wire, a single (1) Alarm cable, a single (1) Frame Ground wire, and three (3) F50C to stub wire wrap CHAMP assemblies.



Material Code	Part Number	Length	UoM	Description	Price
	47459-000-995	N/A	EA	ADTRAN TA1224 Complete Connectivity Kit	\$ -

TA1248 Cable Kit

Cable Assembly Kit t/u/w the Adtran TA 1224. Kit consists of fifty (50) FT of twisted RED/NLK wire, a single (1) Alarm cable, a single (1) Frame Ground wire, and five (5) F50C to stub wire wrap CHAMP assemblies.



Material Code	Part Number	Length	UoM	Description	Price
	47460-000-995	N/A	EA	ADTRAN TA1248 Complete Connectivity Kit	\$ -

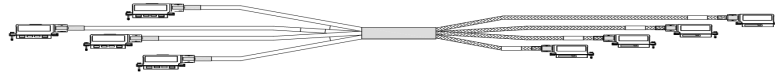
Custom Cable Quick Reference Guide

Adtran TA3000

QDFC Adapter Cables

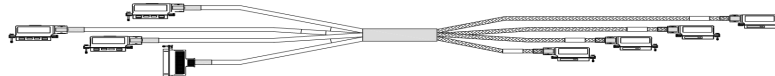
The TA3000 QDFC adapter cable is designed to simplify the connection from the TA3000 to a wire wrap DSX panel. The adapter cable is built on 22 AWG wire having (4) Female 64 position champ connectors on the TA3000 end and (4) Male 64 position champ connectors on the other. The Male connectors will mate with "Extender" cables having Female 90 degree champ connectors and Adtran's wiring configuration that run to the DSX. Each cable is clearly labeled for attachment to the TA3000 or DSX. Central Office cables have 90 degree connectors - Rear Access kits (combination 90 and 180 degree exits) for connection to the TA3000.

Central Office Applications



Material Code	Part Numbered	Length	UoM	Description	Price
	78677-000-995	006	Feet	QDFC TX (transmit) Adapter Cable - Pairs 2, 4, 6, and 8	\$ -
	78678-000-995	006	Feet	QDFC RX (receive) Adapter Cable - Pairs 1, 3, 5, and 7	\$ -
	78679-000-995	006	Feet	QDFC TX/ RX Adapter Kit - Contains one (1) Tx & RX Cable	\$ -

Rear Access Applications



Material Code	Part Numbered	Length	UoM	Description	Price
	78790-000-995	006	Feet	QDFC TX (transmit) Adapter Cable - Pairs 2, 4, 6, and 8	\$ -
	78791-000-995	006	Feet	QDFC RX (receive) Adapter Cable - Pairs 1, 3, 5, and 7	\$ -
	78793-000-995	006	Feet	QDFC TX/ RX Adapter Kit - Contains one (1) Tx & RX Cable	\$ -

22 AWG Extension Cables - Internal Drain

Female 64 position CHAMP connectors (90 degree) to Stub end. Assemblies utilize 22 AWG DS1 cable with internal drain (64).



Material Code	Part Numbered	Length	UoM	Description	Price
	78974-XXX-A51	XXX	Feet	QDFC Ext Cable - 22/28 F64 Champ/ Stub CMR XXX FT	\$ -

22 AWG Extension Cables - External Drain

Female 64 position CHAMP connectors (90 degree) to Stub end. Assemblies utilize 22 AWG DS1 cable with external drain wire.



Material Code	Part Numbered	Length	UoM	Description	Price
	79296-XXX-A51	XXX	Feet	QDFC Ext Cable - 22/28 F64 Champ/ Stub ext DRN CMR XXXFT	\$ -



Custom Cable Quick Reference Guide

Adtran TA3000

24 AWG Extension Cables - Internal Drain

Female 64 position CHAMP connectors (90 degree) to Stub end.
Assemblies utilize 24 AWG DS1 cable with internal drain (64).



Material Code	Part Numbered	Length	UoM	Description	Price
	78975-XXX-A56	XXX	Feet	QDFC Ext Cable - 24/28 F64 Champ/ Stub CMR XXX FT	\$ -

24 AWG Extension Cables - External Drain

Female 64 position CHAMP connectors (90 degree) to Stub end.
Assemblies utilize 24 AWG DS1 cable with external drain wire.



Material Code	Part Numbered	Length	UoM	Description	Price
	79297-XXX-A56	XXX	Feet	QDFC Ext Cable - 24/28 F64 Champ/ Stub ext DRN CMR XXXFT	\$ -



Custom Cable Quick Reference Guide

TA 3010

- DS1 to DSX (wire wrap) Cables

24 AWG T1/DS1 Stub Assembly

Single ended female 90 degree CHAMP assembly w/ standard exit connector.
Assembly utilizes 24 AWG / 25 PR 1161A style DS1 cable.



Material Code	Part Number	Length	UoM	Description	Price
	78915-XXX-A02	XXX	Feet	ADTRAN TA 3010 F50 CHAMP STD EXIT / Stub 24 AWG XXX FT	\$ -

22 AWG T1/DS1 Stub Assembly

Single ended female 90 degree CHAMP assembly w/ standard exit connector.
Assembly utilizes 22 AWG / 25 PR T600C style DS1 cable.



Material Code	Part Number	Length	UoM	Description	Price
	78917-XX-A05	Per Order	Feet	ADTRAN TA 3010 F50 CHAMP STD EXIT / Stub 22 AWG XXX FT	\$ -

In/ Out Cable kit - 24 AWG

Assembly Kit consisting of two (2) F50C to stub 24 AWG DS1 cables (above).



Material Code	Part Number	Length	UoM	Description	Price
	78916-XXX-995	XXX	Feet	ADTRAN TA 3010 In/Out 24 AWG DS1 Assembly Kit XXX FT	\$ -

In/ Out Cable kit - 22 AWG

Assembly Kit consisting of two (2) F50C to stub 22 AWG DS1 cables (above).



Material Code	Part Number	Length	UoM	Description	Price
	78918-XXX-995	XXX	Feet	ADTRAN TA 3010 In/Out 22 AWG DS1 Assembly Kit XXX FT	\$ -

Custom Cable Quick Reference Guide

Adtran TA5000 - POTS Assemblies

Stub Ended Assemblies

Single ended 90 degree male, 64 position Amphenol assembly (0.425" screw) t/u/w the Total Access 5000 Module. Assembly utilizes 24 AWG 32 PR 100 Ohm shielded, Switchboard style cable. Configuration consists of standard Telco wiring on the TA5000 end connector.



Material Code	Part number	Length	UoM	Description	Price
	79331-XXX-A86	XXX	Feet	TA5000 TO STUB END (POTS) XXX FT	\$ -

Female CHAMP Assemblies

Double ended 90 degree male/ female, 64 position Amphenol assembly (0.425" screw) t/u/w the Total Access 5000 Module. Assembly utilizes 24 AWG 32 PR 100 Ohm shielded, Switchboard style cable. Configuration consists of standard Telco wiring on both the TA5000 end connector and at the female 90 degree Amphenol end.



Material Code	Part number	Length	UoM	Description	Price
	79239-XXX-A86	XXX	Feet	TA5000 TO FEMALE 90 DEG CHAMP (POTS) XXX FT	\$ -

Delta Marc Block Assemblies

Double ended 90 degree male, 64 position male Amphenol assembly (0.425" screw) t/u/w the Total Access 5000 Module and DeltaMarc blended block. Assembly utilizes 24 AWG 32 PR 100 Ohm shielded, Switchboard style cable. Configuration consists of standard Telco wiring on the TA5000 end connector with "POTS" label and Telco wiring at the block end with green tie-wrap identifier.



Material Code	Part number	Length	UoM	Description	Price
	90796-XXX-A86	XXX	Feet	TA5000 TO DELTA MARC BLOCK POTS (GRN) XXXFT	\$ -



Custom Cable Quick Reference Guide

Adtran TA5000 - POTS / ADSL2+ Assemblies

Stub Ended Assemblies

Single ended 90 degree male, 64 position Amphenol assembly (0.425" screw) t/u/w the Total Access 5000 Module. Assembly utilizes 24 AWG 32 PR 100 Ohm shielded, T100 DS1 style cable. Configuration consists of standard Telco wiring on the TA5000 end connector.



Material Code	Part number	Length	UoM	Description	Price
	79922-XXX-A03	XXX	Feet	TA5000 TO STUB END (ADSL2+) XXXFT	\$ -

Female CHAMP Assemblies

Double ended 90 degree male/ female, 64 position Amphenol assembly (0.425" screw) t/u/w the Total Access 5000 Module. Assembly utilizes 24 AWG 32 PR 100 Ohm shielded, T100 DS1 style cable. Configuration consists of standard Telco wiring on both the TA5000 end connector and at the female 90 degree Amphenol end.



Material Code	Part number	Length	UoM	Description	Price
	90854-XXX-A03	XXX	Feet	TA5000 TO FEMALE 90 DEG CHAMP (ADSL2+) XXXFT	\$ -

Delta Marc Block Assemblies

Double ended 90 degree male, 64 position male Amphenol assembly (0.425" screw) t/u/w the Total Access 5000 Module and DeltaMarc blended block. Assembly utilizes 24 AWG 32 PR 100 Ohm shielded, T100 DS1 style cable. Configuration consists of standard Telco wiring on the TA5000 end connector with "ADSL/POTS" label and CAT5 wiring at the block end with blue tie-wrap identifier.



Material Code	Part number	Length	UoM	Description	Price
	90797-XXX-A03	XXX	Feet	TA5000 TO DELTA MARC BLOCK ADSL2+ (BLU) XXXFT	\$ -

Custom Cable Quick Reference Guide

Adtran TA5000 - VDSL Assemblies



Stub Ended Assemblies

Single ended 90 degree male, 64 position Amphenol assembly (0.425" screw) f/u/w the Total Access 5000 Module. Assembly utilizes 24 AWG 32 PR 100 Ohm shielded, 1161A DS1 style cable. Configuration consists of CAT5 wiring on the TA5000 end connector.



Material Code	Part number	Length	UoM	Description	Price
	91403-XXX-A89	XXX	Feet	TA5000 TO STUB END (VDSL) XXXFT	\$ -

Female CHAMP Assemblies

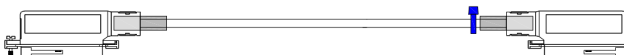
Double ended 90 degree male/ female, 64 position Amphenol assembly (0.425" screw) f/u/w the Total Access 5000 Module. Assembly utilizes 24 AWG 32 PR 100 Ohm shielded, 1161A DS1 style cable. Configuration consists of CAT5 wiring the TA5000 end connector and standard Telco wiring at the female 90 degree Amphenol end.



Material Code	Part number	Length	UoM	Description	Price
	91404-XXX-A89	XXX	Feet	TA5000 TO FEMALE 90 DEG CHAMP (VDSL) XXXFT	\$ -

Delta Marc Block Assemblies

Double ended 90 degree male, 64 position male Amphenol assembly (0.425" screw) f/u/w the Total Access 5000 Module and DeltaMarc blended block. Assembly utilizes 24 AWG 32 PR 100 Ohm shielded, 1161A DS1 style cable. Configuration consists of standard CAT5 wiring on the TA5000 end connector with "ADSL/VDSL" label and CAT5 wiring at the block end with blue tie-wrap identifier.



Material Code	Part number	Length	UoM	Description	Price
	91011-XXX-A89	XXX	Feet	TA5000 TO DELTA MARC BLOCK VDSL (BLU) XXXFT	\$ -

- Combo Card Assemblies

Switchboard Style Cable

Single ended 90 degree male, 50 position Amphenol assembly (0.425") f/u/w the Total Access 5000 Module. Assembly utilizes 24 AWG 32 PR 100 Ohm shielded, 1161A DS1 style cable. Configuration consists of standard Telco wiring on the TA5000 end connector.



Material Code	Part Number	Length	UoM	Description	Price
	91551-XXX-A02	XXX	Feet	TA5000 COMBO CARD MALE 50 CHAMP TO STUB XXX FT	\$ -

1161A Style Cable

Single ended 90 degree male, 50 position Amphenol assembly (0.425" screw) f/u/w the Total Access 5000 Module. Assembly utilizes 24 AWG 32 PR 100 Ohm shielded, Switchboard style cable. Configuration consists of standard Telco wiring on the TA5000 end connector.



Material Code	Part Number	Length	UoM	Description	Price
	51174-XXX-254	XXX	Feet	TA5000 COMBO CARD MALE 50 CHAMP TO STUB XXX FT	\$ -

Custom Cable Quick Reference Guide

Adtran TA5000 - Coax Assemblies

735A 8 Count DS3 BNC Assembly w/ Kit

Single ended BNC assembly on 8 conductor 735A coax cable.
Assembly is built with 18" breakout and includes BNC connector
kit for field termination of stub end.



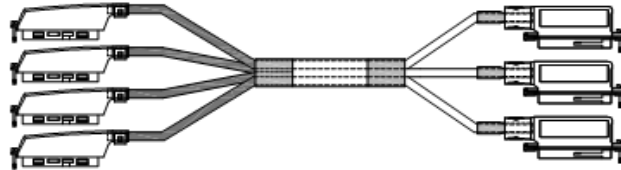
Material Code	Part number	Length	UoM	Description	Price
	79330-XXX-A71	XXX	Feet	TA5000 DS3 8 CNT 735A BNC TO STUB W/ BNC KIT XXX FT	\$ -

- Overlay Assemblies

CHAMP to CHAMP Connector Cables

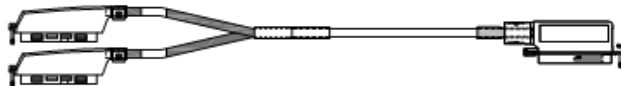
Double ended 90 degree male to female, 64 position Amphenol
assembly (0.7505" screw) t/u/w the Total Access 5000 Module.
Assembly utilizes 24 AWG 32 PR 100 Ohm shielded, T100 style cable.

Both the 91204 & 91205 Cable Assembly t/u/a
POTS + DSL OUT cable



Material Code	Part number	Length	UoM	Description	Price
	91204-000-995	60	Inches	3 - 32 PR CABLES, 3-M64 to 4 - F50-90 DEG. CONNECTORS	\$ -

Double ended 90 degree male to female, 64 position Amphenol
assembly (0.7505" screw) t/u/w the Total Access 5000 Module.
Assembly utilizes 24 AWG 32 PR 100 Ohm shielded, T100 style cable.



Material Code	Part number	Length	UoM	Description	Price
	91205-000-995	60	Inches	1 - 32 PR CABLE, 1-M64 to 2 - F50-90 DEG. CONNECTORS	\$ -

Cable assembly kit t/u/w the Total Access 5000 Module. Kit
consists of the following cables/ quantities:

3 EA : 91204-000-995
1 EA: 91205-000-995



Material Code	Part number	Length	UoM	Description	Price
	91208-000-995	N/A	N/A	POTS+DSL "OUT" CABLE SET	\$ -

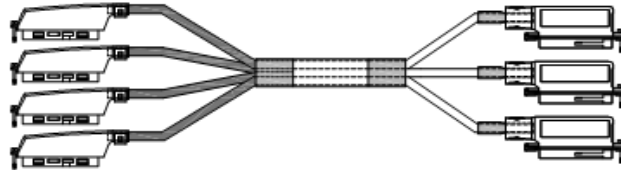
Custom Cable Quick Reference Guide

Adtran TA5000 - Overlay Assemblies

CHAMP to CHAMP Connector Cables

Double ended 90 degree male to female, 64 position Amphenol assembly (0.7505" screw) t/u/w the Total Access 5000 Module. Assembly utilizes 24 AWG 32 PR 100 Ohm shielded, T100 style cable.

Both the 91206 & 91207 Cable Assembly t/u/a POTS + DSL IN cable



Material Code	Part number	Length	UoM	Description	Price
	91206-000-995	60	Inches	3 - 32 PR CABLES, 3-M64 to 4 - F50-90 DEG. CONNECTORS	\$ -

Double ended 90 degree male to female, 64 position Amphenol assembly (0.7505" screw) t/u/w the Total Access 5000 Module. Assembly utilizes 24 AWG 32 PR 100 Ohm shielded, T100 style cable.



Material Code	Part number	Length	UoM	Description	Price
	91207-000-995	60	Inches	1 - 32 PR CABLE, 1-M64 to 2 - F50-90 DEG. CONNECTORS	\$ -

Cable assembly kit t/u/w the Total Access 5000 Module. Kit consists of the following cables/ quantities:

3 EA : 91206-000-995
1 EA: 91207-000-995



Material Code	Part number	Length	UoM	Description	Price
	91209-000-995	N/A	N/A	POTS+DSL "IN" CABLE SET	\$ -

Custom Cable Quick Reference Guide

Adtran TA5000 - Overlay Assemblies

CHAMP to MS2 Connector Cables

Double ended 90 degree male 64 position Amphenol to 3M MS2 assembly (0.7505" screw) t/u/w the Total Access 5000 Module. Assembly utilizes 24 AWG 32 PR 100 Ohm shielded, T100 style cable.

Both the 91221 & 91222 Cable Assembly t/u/a POTS + DSL OUT cable



Material Code	Part number	Length	UoM	Description	Price
	91221-000-995	10	Feet	3 - 32 PR CABLES, 3-M64 to 4 - MS2. CONNECTORS	\$ -

Double ended 90 degree male 64 position Amphenol to 3M MS2 assembly (0.7505" screw) t/u/w the Total Access 5000 Module. Assembly utilizes 24 AWG 32 PR 100 Ohm shielded, T100 style cable.



Material Code	Part number	Length	UoM	Description	Price
	91222-000-995	10	Feet	1 - 32 PR CABLE, 1-M64 to 2 - MS2 CONNECTORS	\$ -

Cable assembly kit t/u/w the Total Access 5000 Module. Kit consists of the following cables/ quantities:

3 EA : 91221-000-995
1 EA: 91222-000-995



Material Code	Part number	Length	UoM	Description	Price
	91225-000-995	N/A	N/A	POTS+DSL "OUT" CABLE SET	\$ -

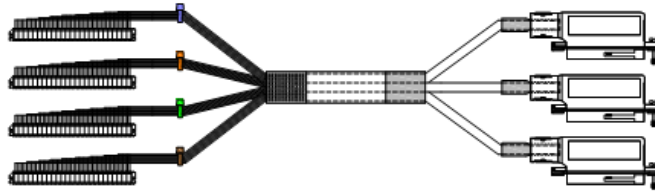
Custom Cable Quick Reference Guide

Adtran TA5000 - Overlay Assemblies

CHAMP to MS2 Connector Cables

Double ended 90 degree male 64 position Amphenol to 3M MS2 assembly (0.7505" screw) t/u/w the Total Access 5000 Module. Assembly utilizes 24 AWG 32 PR 100 Ohm shielded, T100 style cable.

Both the 91223 & 91224 Cable Assembly t/u/a POTS + DSL IN cable



Material Code	Part number	Length	UoM	Description	Price
	91223-000-995	10	Feet	3 - 32 PR CABLES, 3-M64 to 4 - MS2 CONNECTORS	\$ -

Double ended 90 degree male 64 position Amphenol to 3M MS2 assembly (0.7505" screw) t/u/w the Total Access 5000 Module. Assembly utilizes 24 AWG 32 PR 100 Ohm shielded, T100 style cable.



Material Code	Part number	Length	UoM	Description	Price
	91224-000-995	10	Feet	1 - 32 PR CABLE, 1-M64 to 2 - MS2 CONNECTORS	\$ -

Cable assembly kit t/u.w the Total Access 5000 Module. Kit consists of the following cables/ quantities:

3 EA : 91223-000-995

1 EA: 91224-000-995



Material Code	Part number	Length	UoM	Description	Price
	91226-000-995	N/A	N/A	POTS+DSL "IN" CABLE SET	\$ -

Custom Cable Quick Reference Guide

Adtran TA5000 - Overlay Assemblies

CHAMP to 710 Connector Cables

Double ended 90 degree male 64 position Amphenol to 3M 710 assembly (0.7505" screw) t/u/w the Total Access 5000 Module. Assembly utilizes 24 AWG 32 PR 100 Ohm shielded, T100 style cable.

Both the 91373 & 91374 Cable Assembly t/u/a POTS IN cable



Material Code	Part number	Length	UoM	Description	Price
	91373-000-995	10	Feet	3 - 32 PR CABLES, 3-M64 to 4 - 710-SC1 CONNECTORS	\$ -

Double ended 90 degree male 64 position Amphenol to 3M 710 assembly (0.7505" screw) t/u/w the Total Access 5000 Module. Assembly utilizes 24 AWG 32 PR 100 Ohm shielded, T100 style cable.



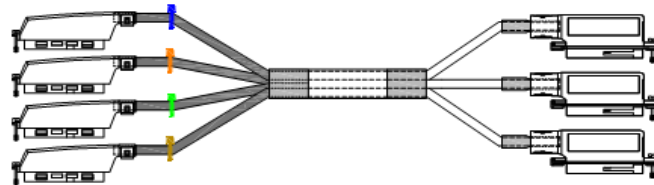
Material Code	Part number	Length	UoM	Description	Price
	91374-000-995	10	Feet	1 - 32 PR CABLE, 1-M64 to 2 - 710-SC1 CONNECTORS	\$ -

- Conversion Assemblies

CHAMP to CHAMP Connector Cables

Double ended 90 degree male to female, 64 position Amphenol assembly (0.7505" screw) t/u/w the Total Access 5000 Module. Assembly utilizes 24 AWG 32 PR 100 Ohm shielded, T100 style cable.

Both the 91204 & 91205 Cables are t/u/a Conversion Assemblies.



Material Code	Part number	Length	UoM	Description	Price
	91228-000-995	72	Inches	3 - 32 PR CABLES, 3-M64 to 4 - F50-90 DEG. CONNECTORS	\$ -

Double ended 90 degree male to female, 64 position Amphenol assembly (0.7505" screw) t/u/w the Total Access 5000 Module. Assembly utilizes 24 AWG 32 PR 100 Ohm shielded, T100 style cable.



Material Code	Part number	Length	UoM	Description	Price
	91229-000-995	72	Inches	1 - 32 PR CABLE, 1-M64 to 2 - F50-90 DEG. CONNECTORS	\$ -

Cable assembly kit t/u/w the Total Access 5000 Module. Kit consists of the following cables/ quantities:

3 EA : 91228-000-995
1 EA: 91229-000-995



Material Code	Part number	Length	UoM	Description	Price
	91232-000-995	N/A	N/A	3 EA. 91228-000-995 and 1 EA. 91229-000-995	\$ -

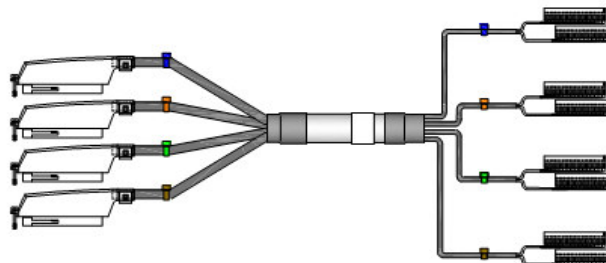
Custom Cable Quick Reference Guide

Adtran TA5000 - Protector Block Assemblies

CHAMP to CHG Connector Cables

Double ended 90 degree male 64 position Amphenol to 3M CHG assembly (0.7505" screw) t/u/w the Total Access 5000 Module.
Assembly utilizes 24 AWG 32 PR 100 Ohm shielded, T100 style cable.

Both the 91230 & 91231 Cables are f/u/a
Protector Block Assemblies and are identical
expect for the overall length.



Material Code	Part number	Length	UoM	Description	Price
	91230-000-995	102	Inches	1 - 100 PR CABLE, 4-M50-90 DEG. to 8-CHG CONNECTORS	\$ -
	91231-000-995	72	Inches	1 - 100 PR CABLE, 4-M50-90 DEG. to 8-CHG CONNECTORS	\$ -

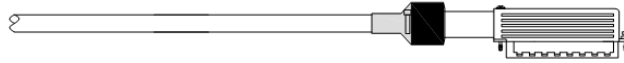
Custom Cable Quick Reference Guide

Alcatel GPON ONT - POTS Assemblies

Indoor cable for Ethernet ONT

Single ended 90 degree male, 50 position Amphenol assembly w/ dual standard screws f/u/w the Alcatel GPON ONT.

Assembly utilizes shielded, molded connector and Indoor 24 AWG, 25 PR POTS only rated cable (CMR)



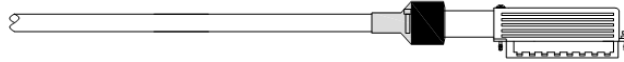
Material Code	Part Numbered	Length	UoM	Description	Price
	70213-XXX-254	XXX	Feet	ALU MDU/ STUB MOLDED M50C STD SCRW POTS CMR XXX F	\$ -

- POTS/ VDSL2 Assemblies

Indoor cable for Ethernet ONT

Single ended 90 degree male, 50 position Amphenol assembly w/ dual standard screws f/u/w the Alcatel GPON ONT.

Assembly utilizes shielded, molded connector and Indoor 26 AWG, 25 PR VDSL rated cable (CMR)



Material Code	Part Numbered	Length	UoM	Description	Price
	70213-XXX-A79	XXX	Feet	ALU MDU/ STUB MOLDED M50C STD SCRW VDSL CMR XXX F	\$ -

Indoor / Outdoor cable for Ethernet ONT

Single ended 90 degree male, 50 position Amphenol assembly w/ dual standard screws f/u/w the Alcatel GPON ONT.

Assembly utilizes shielded, molded connector and Indoor 26 AWG, 25 PR VDSL rated cable (CMX)

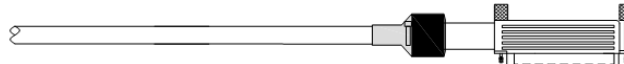


Material Code	Part Numbered	Length	UoM	Description	Price
	70213-XXX-A80	XXX	Feet	ALU MDU/ STUB MOLDED M50C STD SCRW VDSL CMX XXX F	\$ -

Indoor cable for Ethernet WALL MOUNT Cabinet

Single ended 90 degree male, 50 position Amphenol assembly w/ dual THUMB screws f/u/w the Alcatel GPON ONT.

Assembly utilizes shielded, molded connector and Indoor 26 AWG, 25 PR VDSL rated cable (CMR)



Material Code	Part Numbered	Length	UoM	Description	Price
	70214-XXX-A79	XXX	Feet	ALU MDU/ STUB MOLDED M50C TMB SCRW VDSL CMX XXX F	\$ -

Indoor / Outdoor cable for Ethernet WALL MOUNT Cabinet

Single ended 90 degree male, 50 position Amphenol assembly w/ dual THUMB screws f/u/w the Alcatel GPON ONT.

Assembly utilizes shielded, molded connector and Indoor 26 AWG, 25 PR VDSL rated cable (CMX)



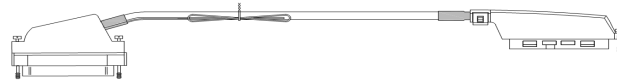
Material Code	Part Numbered	Length	UoM	Description	Price
	70214-XXX-A80	XXX	Feet	ALU MDU/ STUB MOLDED M50C TMB SCRW VDSL CMX XXX F	\$ -



Custom Cable Quick Reference Guide

Calix E5

Avaya 525 "Amphenol" style 110 degree connector (dual 1.5" screws) to 90 degree female Amphenol connector (single 0.425" screw) f/u/w the Calix E5 Splitter Shelf to a Telect 425-1066-205 block.
Telco pairing at the shelf end and CAT5e pairing at the block end.



Material Code	Part Number	Length	UoM	Description	Price
	90379-XXX-N36	XXX	Feet	CALIX E5 SHLF TO TELECT BLK (CAT5 BLK WRING) XXXFT	\$ -



Custom Cable Quick Reference Guide

Calix C7

Avaya 525 "Amphenol" style 110 degree connector (dual 1.5" screws) to 90 degree female Amphenol connector (single 0.425" screw) f/u/w the Calix C7 Splitter Shelf to a Telect 425-1066-205 block. Telco pairing at the shelf end and CAT5e pairing at the block end.



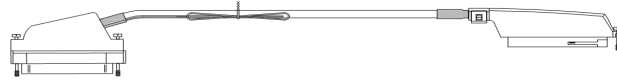
Material Code	Part Number	Length	UoM	Description	Price
	90291-XXX-N36	XXX	Feet	CALIX C7 SHLF TO TELECT BLK (CAT5 BLK WRING) XXXFT	\$ -

Avaya 525 "Amphenol" style 110 degree connector (dual 1.5" screws) to 90 degree female Amphenol connector (single 0.425" screw) f/u/w the Calix C7 Splitter Shelf to a Telect 484-2064-140 block. Telco pairing at both the shelf end and block end.



Material Code	Part Number	Length	UoM	Description	Price
	90810-XXX-N36	XXX	Feet	CALIX C7 SHLF TO TELECT BLK (TELCO) BLK WRING) XXXFT	\$ -

Avaya 525 "Amphenol" style 110 degree connector (dual 1.5" screws) to 90 degree male Amphenol connector (single 0.425" screw) f/u/w the Calix C7 Splitter Shelf. Telco pairing at both the shelf end and block end.



Material Code	Part Number	Length	UoM	Description	Price
	90845-XXX-N36	XXX	Feet	CALIX C7 SHLF TO M50 90 DEG (TELCO) BLK WRING) XXXFT	\$ -

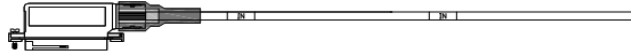
Custom Cable Quick Reference Guide

Edgelink 100 - S/E 22 AWG Assemblies & Kit

DS1 "IN" Cable

Single ended 90 degree male, 64 position STD Amphenol assembly w/ single screw f/u/w the Edgelink 100.

Assembly utilizes 2 piece Backshell/connector and Indoor 22 AWG, 30 PR 600 series riser only rated cable (CMR)



Material Code	Part Numbered	Length	UoM	Description	Price
	46856-XXX-353	XXX	Feet	EDGEINK/ STUB 90DEG M64C STD EXIT 22 AWG IN CMR XXXFT	\$ -

DS1 "Out" Cable

Single ended 90 degree male, 64 position REV Amphenol assembly w/ single screw f/u/w the Edgelink 100.

Assembly utilizes 2 piece Backshell/connector and Indoor 22 AWG, 30 PR 600 series riser only rated cable (CMR)



Material Code	Part Numbered	Length	UoM	Description	Price
	46857-XXX-353	XXX	Feet	EDGEINK/ STUB 90DEG M64C REV EXIT 22 AWG IN CMR XXXFT	\$ -

Edgelink Cable KIT - IN / OUT Cables

Assembly kit consisting of 1 (one) each of the 46856 & 46857 cables.

The "length" of the kit -xxx- signifies the length of the assemblies within the kit.



Material Code	Part Numbered	Length	UoM	Description	Price
	46860-XXX-995	XXX	Feet	EDGEINK 100 22 AWG IN / OUT ASSEMBLY KIT XXXFT	\$ -

- S/E 24 AWG Assemblies & Kit

DS1 "IN" Cable

Single ended 90 degree male, 64 position STD Amphenol assembly w/ single screw f/u/w the Edgelink 100.

Assembly utilizes 2 piece Backshell/connector and Indoor 24 AWG, 30 PR 600 series riser only rated cable (CMR)



Material Code	Part Numbered	Length	UoM	Description	Price
	46858-XXX-A03	XXX	Feet	EDGEINK/ STUB 90DEG M64C STD EXIT 24 AWG IN CMR XXXFT	\$ -

DS1 "Out" Cable

Single ended 90 degree male, 64 position REV Amphenol assembly w/ single screw f/u/w the Edgelink 100.

Assembly utilizes 2 piece Backshell/connector and Indoor 24 AWG, 30 PR 600 series riser only rated cable (CMR)



Material Code	Part Numbered	Length	UoM	Description	Price
	46859-XXX-A03	XXX	Feet	EDGEINK/ STUB 90DEG M64C REV EXIT 24 AWG IN CMR XXXFT	\$ -

Edgelink Cable KIT - IN / OUT Cables

Assembly kit consisting of 1 (one) each of the 46858 & 46859 cables.

The "length" of the kit -xxx- signifies the length of the assemblies within the kit.



Material Code	Part Numbered	Length	UoM	Description	Price
	46861-XXX-995	XXX	Feet	EDGEINK 100 24 AWG IN / OUT ASSEMBLY KIT XXXFT	\$ -

Custom Cable Quick Reference Guide

Edgelink HUB

- 24 AWG / 22 AWG DS1 Cables / Kits

24 AWG DS1 "IN" Cable

Single ended 180 degree male, 64 position Amphenol assembly
f/u/w the Edgelink 1HUB. Assembly utilizes 24 Awg / 28 PR T100 Style cable.



Material Code	Part Numbered	Length	UoM	Description	Price
	48115-XXX-A56	XXX	Feet	EDGE LINK HUB M64C 180 Deg / Stub 24 AWG DS1 "IN" XXX FT	\$ -

24 AWG DS1 "OUT" Cable

Single ended 180 degree male, 64 position Amphenol assembly
f/u/w the Edgelink 1HUB. Assembly utilizes 24 Awg / 28 PR T100 Style cable.



Material Code	Part Numbered	Length	UoM	Description	Price
	48116-XXX-A56	XXX	Feet	EDGE LINK HUB M64C 180 Deg / Stub 24 AWG DS1 "OUT" XXX FT	\$ -

24 AWG DS1 "IN/OUT" Cable Kit

24 AWG assembly kit consisting of (18) total assemblies...nine (9) each of
the above In & Out 24 AWG DS1 cables f/u/w the Edgelink HUB.



Material Code	Part Numbered	Length	UoM	Description	Price
	48119-XXX-995	XXX	Feet	EDGE LINK HUB M64C 180 Deg / Stub 24 AWG DS1 KIT XXX FT	\$ -

- 24 AWG / 22 AWG DS1 Cables / Kits

22 AWG DS1 "IN" Cable

Single ended 180 degree male, 64 position Amphenol assembly
f/u/w the Edgelink 1HUB. Assembly utilizes 22 Awg / 28 PR T100 Style cable.



Material Code	Part Numbered	Length	UoM	Description	Price
	48117-XXX-A56	XXX	Feet	EDGE LINK HUB M64C 180 Deg / Stub 22 AWG DS1 "IN" XXX FT	\$ -

22 AWG DS1 "OUT" Cable

Single ended 180 degree male, 64 position Amphenol assembly
f/u/w the Edgelink 1HUB. Assembly utilizes 22 Awg / 28 PR T100 Style cable.



Material Code	Part Numbered	Length	UoM	Description	Price
	48118-XXX-A56	XXX	Feet	EDGE LINK HUB M64C 180 Deg / Stub 22 AWG DS1 "OUT" XXX FT	\$ -

22 AWG DS1 "IN/OUT" Cable Kit

22 AWG assembly kit consisting of (18) total assemblies...nine (9) each of
the above In & Out 22 AWG DS1 cables f/u/w the Edgelink HUB.



Material Code	Part Numbered	Length	UoM	Description	Price
	48120-XXX-995	XXX	Feet	EDGE LINK HUB M64C 180 Deg / Stub 22 AWG DS1 KIT XXX FT	\$ -

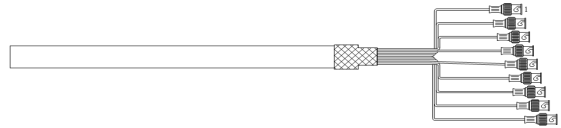


Custom Cable Quick Reference Guide

Edgelink HUB - DS3 Cables / Kits

DS3 Bundle Leg One Long - 9 Count

DS3 Assembly utilizing 9 Conductor cable with LEG 1 Long staggered 180 degree BNC connectors to Stub (bulk connector kit included). Note - 734/735 cable type depends on length.

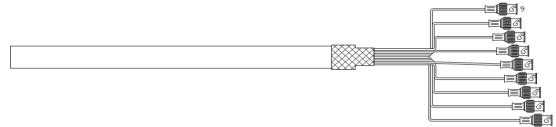


Material Code	Part Numbered	Length	UoM	Description	Price
	48190-XXX-A38	XXX	Feet	EDGE LINK HUB BNC/Stub 735 9 Count Leg 001 Long XXX FT	\$ -

Material Code	Part Numbered	Length	UoM	Description	Price
	48195-XXX-A44	XXX	Feet	EDGE LINK HUB BNC/Stub 734 9 Count Leg 001 Long XXX FT	\$ -

DS3 Bundle Leg Nine Long - 9 Count

DS3 Assembly utilizing 9 Conductor cable with LEG 9 Long staggered 180 degree BNC connectors to Stub (bulk connector kit included). Note - 734/735 cable type depends on length.



Material Code	Part Numbered	Length	UoM	Description	Price
	48191-XXX-A38	XXX	Feet	EDGE LINK HUB BNC/Stub 735 9 Count Leg 009 Long XXX FT	\$ -

Material Code	Part Numbered	Length	UoM	Description	Price
	48194-XXX-A44	XXX	Feet	EDGE LINK HUB BNC/Stub 734 9 Count Leg 009 Long XXX FT	\$ -

- DS3 Cables / Kits

DS3 In/Out 9 Count Assembly Kit w/ Leg 1 & 9 Long

9 Conductor cable with LEG 1 & LEG 9 Long staggered 180 degree
Kit includes a single LEG 1 long assembly and single LEG 9 long assembly
f/u/a an In/Out pair for the Edgelink HUB. Note - 734/735 cable type depends on length.



Material Code	Part Numbered	Length	UoM	Description	Price
	49813-XXX-995	XXX	Feet	EDGE LINK HUB In/Out BNC Kit 735 9 CNT Leg 001/009 Long XXX FT	\$ -

Material Code	Part Numbered	Length	UoM	Description	Price
	91447-XXX-995	XXX	Feet	EDGE LINK HUB In/Out BNC Kit 734 9 CNT Leg 001/009 Long XXX FT	\$ -

Custom Cable Quick Reference Guide

Fujitsu Flashwave 4100 ES - DS1 Assemblies

Stub Ended Assemblies

Single ended CUSTOM 135 degree male, 64 position Amphenol assembly (0.425" screw) t/u/w the Fujitsu Flashwave 4100ES Module. Assembly utilizes 24 AWG 28 PR 100 Ohm shielded, T100 DS1 style cable. Configuration consists of Fujitsu 8 pr skip configuration at **RIGHT (standard) EXIT** 135 degree end connector.



Material Code	Part Numbered	Length	UoM	Description	Price
	78652-XXX-A56	XXX	Feet	FLSHWAVE 4100ES 135 DEG MALE (RGHT) / STUB XXX FT	\$ -

Single ended CUSTOM 135 degree male, 64 position Amphenol assembly (0.425" screw) t/u/w the Fujitsu Flashwave 4100ES Module. Assembly utilizes 24 AWG 28 PR 100 Ohm shielded, T100 DS1 style cable. Configuration consists of Fujitsu 8 pr skip configuration at **LEFT (reverse) EXIT** 135 degree end connector.



Material Code	Part Numbered	Length	UoM	Description	Price
	78653-XXX-A56	XXX	Feet	FLSHWAVE 4100ES 135 DEG MALE (LEFT) / STUB XXX FT	\$ -

Female CHAMP Assemblies

CUSTOM 135 degree male, 64 position Amphenol to 90 degree female assembly (0.425" screw) t/u/w the Fujitsu Flashwave 4100ES Module. Assembly utilizes 24 AWG 28 PR 100 Ohm shielded, T100 DS1 style cable. Configuration consists of Fujitsu 8 pr skip configuration at both **RIGHT (standard) EXIT** 135 and 90 degree female connector ends.



Material Code	Part Numbered	Length	UoM	Description	Price
	79323-XXX-A56	XXX	Feet	FLSHWAVE 4100ES 135 DEG MALE (RGHT) / F64C XXX FT	\$ -

CUSTOM 135 degree male, 64 position Amphenol to 90 degree female assembly (0.425" screw) t/u/w the Fujitsu Flashwave 4100ES Module. Assembly utilizes 24 AWG 28 PR 100 Ohm shielded, T100 DS1 style cable. Configuration consists of Fujitsu 8 pr skip configuration at both **LEFT (reverse) EXIT** 135 and 90 degree female connector ends.



Material Code	Part Numbered	Length	UoM	Description	Price
	79324-XXX-A56	XXX	Feet	FLSHWAVE 4100ES 135 DEG MALE (LEFT) / F64C XXXFT	\$ -



Custom Cable Quick Reference Guide

Fujitsu Flashwave 4100 ES - Coax Assemblies

REF: Fujitsu 21-311-xxx

Single ended BNC single 735A coax assembly t/u/w Fujitsu
Flashwave 4100ES Module. Assembly utilizes single conductor 735A
DS3 cable and a single BNC connector to a stub end.



Material Code	Part Numbered	Length	UoM	Description	Price
	78654-XXX-760	XXX	Feet	FLSHWAVE 4100ES SNGL 735A BNC / STUB XXXFT	\$ -

REF: Fujitsu 21-313-xxx

Single ended BNC three count 735A coax assembly t/u/w Fujitsu
Flashwave 4100ES Module. Assembly utilizes three (3) conductor 735A
DS3 cable and three (3) BNC connectors to a stub end.



Part Numbered	Length	UoM	Description	Price
78655-XXX-A37	XXX	Feet	FLSHWAVE 4100ES TRPLE 735A BNC / STUB XXXFT	\$ -

REF: Fujitsu 21-316-xxx

Single ended BNC six count 735A coax assembly t/u/w Fujitsu
Flashwave 4100ES Module. Assembly utilizes six (6) conductor 735A
DS3 cable and six (6) BNC connectors to a stub end.



Material Code	Part Numbered	Length	UoM	Description	Price
	78656-XXX-A10	XXX	Feet	FLSHWAVE 4100ES SIX CNT 735A BNC / STUB XXXFT	\$ -



Custom Cable Quick Reference Guide

Fujitsu Flashwave 4100 LG - 22 AWG DS1 Cable / Kit

CN 13 / CN 14 DS1 Cable Set / 22 AWG

Two (2) cable set of male 64 position Amphenol connectors (90 degree) to stub.
Assemblies both utilize dual screws and 22 AWG/ 28 PR 600C series cable f/u/w
the Fujitsu 4100 Large Shelf



Material Code	Part Number	Length	UoM	Description	Price
	90441-XXX-995	XXX	Feet	FUJITSU FW 4100 LG 22 AWG DS1 SET OF 2 "CN13" / "CN14" XXX FT	\$ -

CN 15 / CN 16 DS1 Cable Set / 22 AWG

Two (2) cable set of male 64 position Amphenol connectors (90 degree) to stub.
Assemblies both utilize dual screws and 22 AWG/ 28 PR 600C series cable f/u/w
the Fujitsu 4100 Large Shelf (CN15 / CN 16).



Material Code	Part Number	Length	UoM	Description	Price
	90442-XXX-995	XXX	Feet	FUJITSU FW 4100 LG 22 AWG DS1 SET OF 2 "CN15" / "CN16" XXX FT	\$ -

CN 17 / CN 18 DS1 Cable Set / 22 AWG

Two (2) cable set of male 64 position Amphenol connectors (90 degree) to stub.
Assemblies both utilize dual screws and 22 AWG/ 28 PR 600C series cable f/u/w
the Fujitsu 4100 Large Shelf (CN17 / CN 18).



Material Code	Part Number	Length	UoM	Description	Price
	90443-XXX-995	XXX	Feet	FUJITSU FW 4100 LG 22 AWG DS1 SET OF 2 "CN17" / "CN18" XXX FT	\$ -

Large Shelf DS1 Cable (6) Kit

Assembly kit consisting of all three (3) 22 AWG DS1 cable sets listed above f/u/w the
Fujitsu 4100 Large Shelf. Total assembly count in kit equals six (6) assemblies.



Material Code	Part Number	Length	UoM	Description	Price
	90444-XXX-995	XXX	Feet	FUJITSU FW 4100 LG 22 AWG 6 Cable Shelf Kit XXX FT	



Custom Cable Quick Reference Guide

Fujitsu Flashwave 4100 LG - 24 AWG DS1 Cable / Kit

CN 13 / CN 14 DS1 Cable Set / 24 AWG

Two (2) cable set of male 64 position Amphenol connectors (90 degree) to stub.
Assemblies both utilize dual screws and 24 AWG/ 32 PR T100 series cable f/u/w
the Fujitsu 4100 Large Shelf (CN13 / CN 14).



Material Code	Part Number	Length	UoM	Description	Price
	91430-XXX-995	XXX	Feet	FUJITSU FW 4100 LG 24 AWG DS1 SET OF 2 "CN13" / "CN14" XXX FT	\$ -

CN 15 / CN 16 DS1 Cable Set / 24 AWG

Two (2) cable set of male 64 position Amphenol connectors (90 degree) to stub.
Assemblies both utilize dual screws and 24 AWG/ 32 PR T100 series cable f/u/w
the Fujitsu 4100 Large Shelf (CN15 / CN 16).



Material Code	Part Number	Length	UoM	Description	Price
	91431-XXX-995	XXX	Feet	FUJITSU FW 4100 LG 24 AWG DS1 SET OF 2 "CN15" / "CN16" XXX FT	\$ -

CN 17 / CN 18 DS1 Cable Set / 24 AWG

Two (2) cable set of male 64 position Amphenol connectors (90 degree) to stub.
Assemblies both utilize dual screws and 24 AWG/ 32 PR T100 series cable f/u/w
the Fujitsu 4100 Large Shelf (CN17 / CN 18).



Material Code	Part Number	Length	UoM	Description	Price
	91432-XXX-995	XXX	Feet	FUJITSU FW 4100 LG 24 AWG DS1 SET OF 2 "CN17" / "CN18" XXX FT	\$ -

Large Shelf DS1 Cable (6) Kit

Assembly kit consisting of all three (3) 24 AWG DS1 cable sets listed above f/u/w the
Fujitsu 4100 Large Shelf. Total assembly count in kit equals six (6) assemblies.



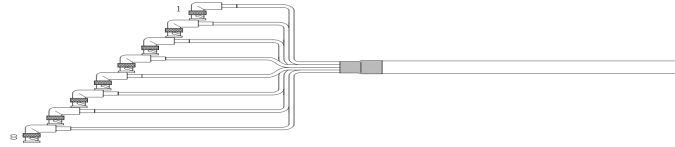
Material Code	Part Number	Length	UoM	Description	Price
	91433-XXX-995	XXX	Feet	FUJITSU FW 4100 LG 24 AWG 6 Cable Shelf Kit XXX FT	

Custom Cable Quick Reference Guide

Fujitsu Flashwave 4500 - Transmit / Receive DS3 Bundles

735A 8 CNT / LEFT Stagger (Receive)

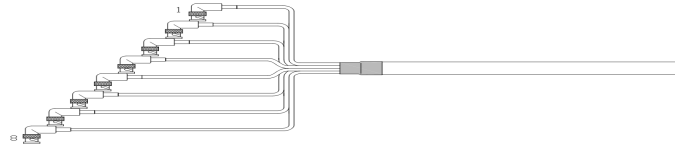
Single ended multi BNC assembly utilizing 90 degree BNC connectors and 8 conductor 735A cable. BNC connectors are staggered by 1.5" t/u/w the Fujitsu 4500 as LEFT receive cable.



Material Code	Part Number	Length	UoM	Description	Price
	91423-XXX-A47	XXX	Feet	FUJITSU FW 4500 BNC 90 Deg Stagger LEFT-RX 735A 8 Count XXX FT	\$ -

735A 8 CNT / LEFT Stagger (Transmit)

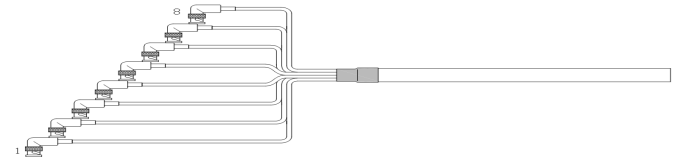
Single ended multi BNC assembly utilizing 90 degree BNC connectors and 8 conductor 735A cable. BNC connectors are staggered by 1.5" t/u/w the Fujitsu 4500 as LEFT transmit cable.



Material Code	Part Number	Length	UoM	Description	Price
	91424-XXX-A47	XXX	Feet	FUJITSU FW 4500 BNC 90 Deg Stagger LEFT-TX 735A 8 Count XXX FT	\$ -

735A 8 CNT / RIGHT Stagger (Receive)

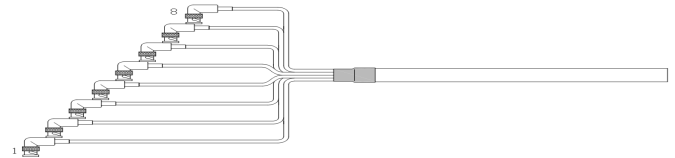
Single ended multi BNC assembly utilizing 90 degree BNC connectors and 8 conductor 735A cable. BNC connectors are staggered by 1.5" t/u/w the Fujitsu 4500 as RIGHT receive cable.



Material Code	Part Number	Length	UoM	Description	Price
	91425-XXX-A47	XXX	Feet	FUJITSU FW 4500 BNC 90 Deg Stagger RIGHT-RX 735A 8 Count XXX FT	\$ -

735A 8 CNT / RIGHT Stagger (Transmit)

Single ended multi BNC assembly utilizing 90 degree BNC connectors and 8 conductor 735A cable. BNC connectors are staggered by 1.5" t/u/w the Fujitsu 4500 as RIGHT transmit cable.



Material Code	Part Number	Length	UoM	Description	Price
	91426-XXX-A47	XXX	Feet	FUJITSU FW 4500 BNC 90 Deg Stagger RIGHT-TX 735A 8 Count XXX FT	\$ -

Custom Cable Quick Reference Guide

Fujitsu Flashwave 9500

Clock Input Cable

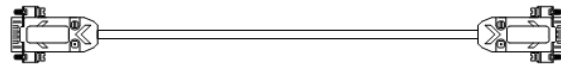
Double ended male 9 position DSUB assembly w/ shielded 180 degree backshells. Assembly utilizes 22 Awg/ 2 PR shielded cable t/u/w the Fujitsu 9500 as a primary clock cable (CN5-CN7)



Material Code	Part Number	Length	UoM	Description	Price
	79886-XXX-202	XXX	Feet	FUJITSU FW 9500 CN5-CN7 PRIMARY INT CLOCK OUTPUT XXX FT	\$ -

Clock Output Cable

Double ended male 9 position DSUB assembly w/ shielded 180 degree backshells. Assembly utilizes 22 Awg/ 2 PR shielded cable t/u/w the Fujitsu 9500 as a secondary clock cable (CN4-CN6)



Material Code	Part Number	Length	UoM	Description	Price
	79887-XXX-202	XXX	Feet	FUJITSU FW 9500 CN4-CN6 SECOND INT CLOCK OUTPUT XXX FT	\$ -

Clock Cable Kit - Primary & Secondary In/ Out Cables

Assembly kit consisting of one (1) each of the above primary and secondary clock cables t/u/w the Fujitsu 9500.



Material Code	Part Number	Length	UoM	Description	Price
	79145-XXX-995	XXX	Feet	FUJITSU FW 9500 Internal Primary/ Secondary Clock Kit XXX FT	\$ -

Shelf Alarm Cable

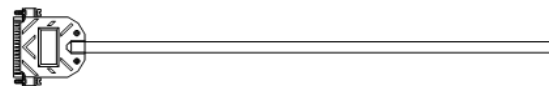
Double ended male 25 position DSUB assembly w/ metal backshells t/u/w the Fujitsu 9500 shelf alarm. Assembly utilizes 90 degree to 180 degree backshells and 24 AWG/ 16 PR T100 style cable.



Material Code	Part Number	Length	UoM	Description	Price
	79142-XXX-A85	XXX	Feet	FUJITSU FW 9500 Shelf ARLM CBL M25D 90 Deg / M25D XXX FT	\$ -

House keeping Alarm Input Cable

Single ended male 25 position DSUB assembly to stub. Assembly utilizes a single 180 degree metalized Backshell and 24 Awg/ 16 PR T100 style cable t/u/w the Fujitsu 9500 House Keeping Alarm input (CN2)



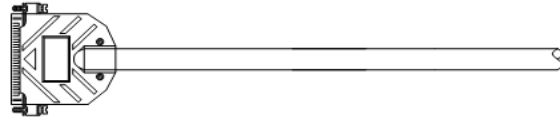
Material Code	Part Number	Length	UoM	Description	Price
	79143-XXX-A85	XXX	Feet	FUJITSU FW 9500 House keeping ARLM Input M25D / Stub XXX FT	\$ -

Custom Cable Quick Reference Guide

Fujitsu Flashwave 9500

House keeping Control Output Cable

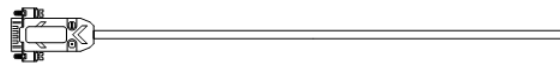
Single ended male 37 position DSUB assembly to stub. Assembly utilizes a single 180 degree metalized backshell and 24 Awg/ 25 PR switchboard style cable t/u/w the Fujitsu 9500 House Keeping Alarm output (CN3)



Material Code	Part Number	Length	UoM	Description	Price
	79144-XXX-254	XXX	Feet	FUJITSU FW 9500 House keeping CNTRL Output M27D / Stub XXX FT	\$ -

External Clock Cable - Secondary Connector

Single ended male 9 position DSUB assembly to stub. Assembly utilizes a single 180 degree metalized backshell and 24 Awg/ 2 PR IFS T1 style cable t/u/w the Fujitsu 9500 (secondary) external clock (CN6)



Material Code	Part Number	Length	UoM	Description	Price
	79146-XXX-A84	XXX	Feet	FUJITSU FW 9500 EXT CLK Secondary Connector M9D/ Stub XXX FT	\$ -

External Clock Cable - Primary Input

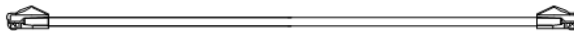
Single ended male 9 position DSUB assembly to stub. Assembly utilizes a single 180 degree metalized backshell and 24 Awg/ 2 PR IFS T1 style cable t/u/w the Fujitsu 9500 (primary) external clock (CN7)



Material Code	Part Number	Length	UoM	Description	Price
	79888-XXX-A84	XXX	Feet	FUJITSU FW 9500 EXT CLK Primary Input M9D/ Stub XXX FT	\$ -

Intershelf to Tributary Shelf Patch Cord - Unshielded

Straight 4 PAIR Ethernet patch cord. Assembly utilizes 24 AWG stranded cat5e cable and non snagless modular plugs.



Material Code	Part Number	Length	UoM	Description	Price
	79891-XXX-267	XXX	Feet	FUJITSU FW 9500 Patch Cord 568B RJ45/RJ45 Unshielded XXX FT	\$ -



Custom Cable Quick Reference Guide

Fujitsu Flashwave 9500

Intershelf to Tributary Shelf Patch Cord - One End Shielded

Straight 4 PAIR Ethernet patch cord w/ one (1) end shielded. Assembly utilizes 26 AWG stranded cat5e SHIELDED cable and non snagless modular plugs.



Material Code	Part Number	Length	UoM	Description	Price
	79892-XXX-938	XXX	Feet	FUJITSU FW 9500 Patch Cord 568B RJ45/RJ45 Shielded XXX FT	\$ -

Crossover Patch Cord

Crossover (2 pair) 568A/B Ethernet patch cord. Assembly utilizes 24 AWG stranded cat5e cable and non snagless modular plugs.



Material Code	Part Number	Length	UoM	Description	Price
	79893-XXX-267	XXX	Feet	FUJITSU FW 9500 Patch Cord X-Over RJ45/RJ45 Unshielded XXX FT	\$ -

Tributary Shelf Patch Cord Kit

Assembly kit consisting of one (1) each of a single RED and single BLUE 568B patch cords utilizing 24 AWG/ 4 PR SOLID cable and snagless boots.



Material Code	Part Number	Length	UoM	Description	Price
	79829-XXX-995	XXX	Feet	FUJITSU FW 9500 Tributary Shelf Patch Cord Cable Kit XXX FT	\$ -



Custom Cable Quick Reference Guide

Motorola AXS2200 OLT - DS1 Assembly

Single ended 90 degree male, 64 position Amphenol
assembly w/ dual screws f/u/w the Motorola AXS2200 OLT



Material Code	Part Numbered	Length	UoM	Description	Price
	47762-XXX-A51	XXX	Feet	MOTO AXS2200 DS1 M64 90 Deg Dual Screw / Stub 22/32 XXX FT	\$ -

Custom Cable Quick Reference Guide

Motorola GPON MDU ONT - POTS Assemblies

Indoor cable for ONT



Single ended 120 degree male, 50 position REV Amphenol assembly w/ single screw f/u/w the Motorola GPON MDU ONT.
Assembly utilizes 2 piece Backshell/connector and Indoor 24 AWG, 25 PR POTS only rated cable (CMR)

Material Code	Part Numbered	Length	UoM	Description	Price
	70215-XXX-254	XXX	Feet	MOTO MDU/ STUB 120DEG M50C STD SCRW POTS CMR XXX FT	\$ -

- VDSL Assemblies

Indoor cable for ONT



Single ended 120 degree male, 50 position REV Amphenol assembly w/ single screw f/u/w the Motorola GPON MDU ONT.
Assembly utilizes 2 piece Backshell/connector and Indoor 26 AWG, 25 PR VDSL rated cable (CMR)

Material Code	Part Numbered	Length	UoM	Description	Price
	70215-XXX-A79	XXX	Feet	MOTO MDU/ STUB 120DEG M50C STD SCRW VDSL CMR XXXFT	\$ -

Outdoor cable for ONT



Single ended 120 degree male, 50 position REV Amphenol assembly w/ single screw f/u/w the Motorola GPON MDU ONT.
Assembly utilizes 2 piece Backshell/connector and Indoor 26 AWG, 25 PR VDSL rated cable (CMX)

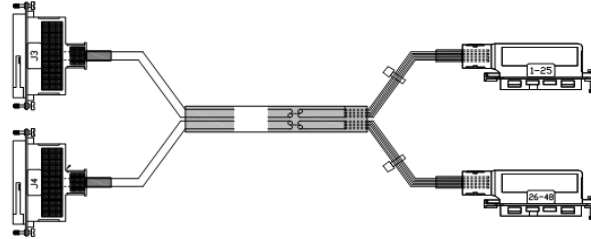
Material Code	Part Numbered	Length	UoM	Description	Price
	70215-XXX-A80	XXX	Feet	MOTO MDU/ STUB 120DEG M50C STD SCRW VDSL CMX XXXFT	\$ -

Custom Cable Quick Reference Guide

OCCAM

Protection Panel Harness

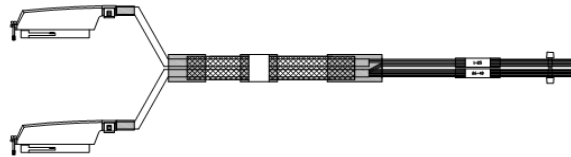
Custom Harness / Dual 180 degree male, 50 position Amphenols to 90 degree female, 50 position. Assembly utilizes standard backshells and dual runs of indoor 24 AWG, 25 PR CAT3 rated cable (CMR)



Material Code	Part Numbered	Length	UoM	Description	Price
	79426-XXX-995	XXX	Feet	OCCAM/ PROTECTION PANEL 'Y' CABLE - 25th PR DEAD XXX FT	\$ -

Mesa II Assembly - CAT3

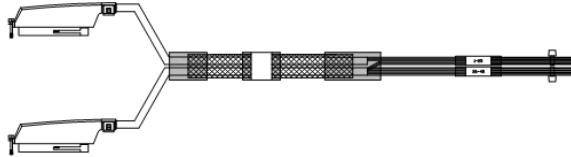
Single ended (dual) 90 degree male, 50 position Amphenol assembly f/u/w the OCCAM / Mesa II cabinet. Assembly utilizes standard backshells and dual runs of indoor 24 AWG, 25 PR CAT3 rated cable (CMR)



Material Code	Part Numbered	Length	UoM	Description	Price
	90024-XXX-995	XXX	Feet	OCCAM - MESA II CABINET / CAT3 CABLE CMR XXXFT	\$ -

Mesa II Assembly - CAT5

Single ended (dual) 90 degree male, 50 position Amphenol assembly f/u/w the OCCAM / Mesa II cabinet. Assembly utilizes standard backshells and dual runs of indoor 24 AWG, 25 PR CAT5 rated cable (CMR)



Material Code	Part Numbered	Length	UoM	Description	Price
	90040-XXX-995	XXX	Feet	OCCAM - MESA II CABINET / CAT5 CABLE CMR XXXFT	\$ -



Custom Cable Quick Reference Guide

OCCAM

Single Ended / Stub - FEMALE

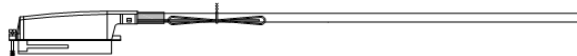
Single ended 90 degree female, 50 position Amphenol assembly
f/u/w the OCCAM / DSLAM utilizing 24 AWG, 25 PR CAT5 rated cable (CMR)



Material Code	Part Numbered	Length	UoM	Description	Price
	90887-XXX-N36	XXX	Feet	OCCAM 6012 F50 90 DEG / STUB / CAT5 CABLE CMR XXXFT	\$ -

Single Ended / Stub - MALE

Single ended 90 degree male, 50 position Amphenol assembly
f/u/w the OCCAM / DSLAM utilizing 24 AWG, 25 PR CAT5 rated cable (CMR)



Material Code	Part Numbered	Length	UoM	Description	Price
	91074-XXX-N36	XXX	Feet	OCCAM 6012 M50 90 DEG / STUB / CAT5 CABLE CMR XXXFT	\$ -

D/E CAT5 Assembly

Double ended 90 degree male to female, 50 position Amphenol assembly
f/u/w the OCCAM / DSLAM utilizing 24 AWG, 25 PR CAT5 rated cable (CMR)



Material Code	Part Numbered	Length	UoM	Description	Price
	90967-XXX-N36	XXX	Feet	OCCAM M50 90 DEG / F50 90 DEG / CAT5 CABLE CMR XXXFT	\$ -

S/E SHLD T1 Assembly

Single ended 90 degree male, 50 position Amphenol assembly
f/u/w the OCCAM / DSLAM utilizing 24 AWG, 25 PR DSL/T100 rated cable (CMR)



Material Code	Part Numbered	Length	UoM	Description	Price
	90968-XXX-A02	XXX	Feet	OCCAM M50 90 DEG / STUB SHLD T1 CABLE CMR XXXFT	\$ -



Custom Cable Quick Reference Guide

Tellabs 7100 - Fiber Optic Jumpers

Note: Fractional lengths of this jumper for The Tellabs 7100 are typically ordered in **CENTIMETERS**. The assembly description **always** includes the assembly length in **METERS**. Such convention is dictated by the fractional meter length (decimal) requirements of this application. 100 CM = 1.0 MT

Part Number

79936-XXX-CM-R06

ADC Cross Reference

FPC2Y-SDLC-P-X.XM

**Extended Description**

LC/UPC to LC/UPC pre-terminated 2.0mm duplex zipcord indoor fiber jumper cable. Assembly utilizes LC and LC ultra polished connectors with blue 180 degree boots, yellow jacketed OFNR (riser) cable, and Bend Insensitive (r=7.5mm) singlemode fiber. SIMPLEX LC CLIPS ONLY.

Material Code	Part Number	Length	UoM	Description	Price
	79936-XXX- CM -R06	0.1	Meters	LCU/LCU 2.0mm ZIPCORD (ref: Tellabs) SM BIF OFNR 0.1 MT	\$ -

79938-XXX-CM-R06

ADC Cross Reference

FPC2Y-SPSC/DLC-P-X.XM

**Extended Description**

LC/UPC to SC/UPC pre-terminated 2.0mm duplex zipcord indoor fiber jumper cable. Assembly utilizes LC and SC ultra polished connectors with blue 180 degree boots, yellow jacketed OFNR (riser) cable, and Bend Insensitive (r=7.5mm) singlemode fiber. SIMPLEX LC CLIPS ONLY.

Material Code	Part Number	Length	UoM	Description	Price
	79938-XXX- CM -R06	0.1	Meters	LCU/SCU 2.0mm ZIPCORD (ref: Tellabs) SM BIF OFNR 0.1 MT	\$ -

Part Number

79935-XXX-CM-R06

ADC Cross Reference

FPC2Y-APSC/DLC-P-X.XM

**Extended Description**

LC/APC to SC/APC pre-terminated 2.0mm duplex zipcord indoor fiber jumper cable. Assembly utilizes LC ultra polished and SC angled polished connectors with blue/ green 180 degree boots, yellow jacketed OFNR (riser) cable, and Bend Insensitive (r=7.5mm) singlemode fiber. SIMPLEX LC CLIPS ONLY.

Material Code	Part Number	Length	UoM	Description	Price
	79935-XXX- CM -R06	0.1	Meters	LCU/SCA 2.0mm ZIPCORD (ref: Tellabs) SM BIF OFNR 0.1 MT	\$ -

Part Number

79934-XXX-CM-R06

ADC Cross Reference

FPC2Y-SPSC-P-X.XM

**Extended Description**

SC/UPC to SC/UPC pre-terminated 2.0mm duplex zipcord indoor fiber jumper cable. Assembly utilizes SC and SC ultra polished connectors with blue 180 degree boots, yellow jacketed OFNR (riser) cable, and Bend Insensitive (r=7.5mm) singlemode fiber.

Material Code	Part Number	Length	UoM	Description	Price
	79934-XXX- CM -R06	0.1	Meters	SCU/SCU 2.0mm ZIPCORD (ref: Tellabs) SM BIF OFNR 0.1 MT	\$ -



Custom Cable Quick Reference Guide

Tellabs 7100 - Fiber Optic Jumpers

Note: Fractional lengths of this jumper for The Tellabs 7100 are typically ordered in **CENTIMETERS**. The assembly description **always** includes the length in **METERS**. Such convention is dictated by the fractional meter length (decimal) requirements of this application. 100 CM = 1.0 MT

Part Number

79937-XXX-CM-R06

ADC Cross Reference

FPC2Y-SPSC/APSC-P-X.XM

**Extended Description**

SC/UPC to SC/APC pre-terminated 2.0mm duplex zipcord indoor fiber jumper cable. Assembly utilizes SC ultra polished and SC angled polished connectors with blue/ green 180 degree boots, yellow jacketed OFNR (riser) cable, and Bend Insensitive ($r=7.5\text{mm}$) singlemode fiber.

Material Code	Part Number	Length	UoM	Description	Price
	79937-XXX- CM -R06	0.1	Meters	SCU/SCA 2.0mm ZIPCORD (ref: Tellabs) SM BIF OFNR 0.1 MT	\$ -

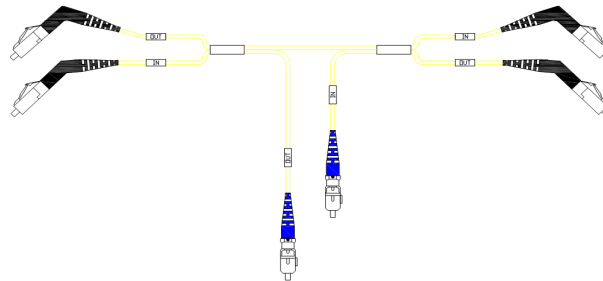
- Fiber Optic TAP Assembly

Part Number

90580-000-995

ADC Cross Reference

FCC3Y-TAP03

**Extended Description**

LC/UPC to LC/UPC & SC/UPC Y-CABLE pre-terminated 2.0mm duplex zipcord indoor fiber jumper cable. All connectors are ultra polished and are custom labeled "in/out" f/u/w RCMM Module. Cable is yellow jacketed OFNR (riser) rated and utilizes Bend Insensitive ($r=7.5\text{mm}$) singlemode fiber.

Material Code	Part Number	Length	UoM	Description	Price
	90580-000-995	19.5	Meters	I/O AMP TO RCMM MODULE (ref: Tellabs) SM BIF OFNR 19.5"	\$ -



Custom Cable Quick Reference Guide

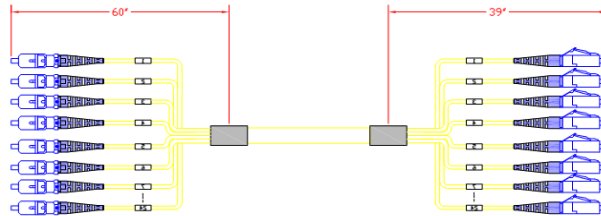
Tellabs 7100 - NG3 STD & LGX Multifiber Assemblies

Part Number

90153-XXX-MT-R56

Extended Description

SC/UPC w/ 60" legs f/u/w the NG3 STD to LC/UPC w/ 39" legs f/u/w the 7100 pre-terminated 024 FIB indoor fiber multifiber cable. All connectors are ultra polished w/ blue 180 deg boots. Cable is yellow jacked OFNR (riser) rated and utilizes Bend Insensitive (r=7.5mm) singlemode fiber.



Material Code	Part Number	Length	UoM	Description	Price
	90153-XXX-MT-R56	001	Meters	SCU/LCU 60"/39" 024 FIB (ref: Tellabs) SM BIF OFNR 001 MT	\$ -



Custom Cable Quick Reference Guide

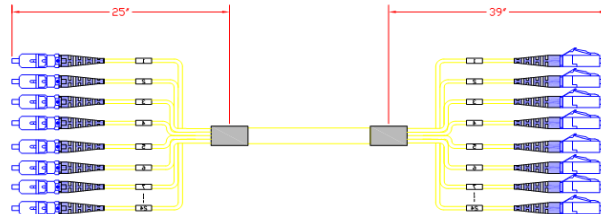
Tellabs 7100 - NG3 STD & LGX Multifiber Assemblies

Part Number

90154-XXX-MT-R56

Extended Description

SC/UPC w/ 25" legs f/u/w the LGX to LC/UPC w/ 39" legs f/u/w the 7100 pre-terminated 024 FIB indoor fiber multifiber cable. All connectors are ultra polished w/ blue 180 deg boots. Cable is yellow jacked OFNR (riser) rated and utilizes Bend Insensitive (r=7.5mm) singlemode fiber.



Material Code	Part Number	Length	UoM	Description	Price
	90154-XXX-MT-R56	001	Meters	SCU/LCU 25"/39" 024 FIB (ref: Tellabs) SM BIF OFNR 001 MT	\$ -



Custom Cable Quick Reference Guide

Async Console Cables

Custom Cable asynchronous console cables provide OSN access to various office equipment. All assemblies maintain proper RS-232 protocols for DTE and DCE equipment. Cables are shielded only at a single end to minimize risks of ground loops while maintaining proper interference protection and grounding.

Panel, Signal, & Connector			AI 30 & 180	Adtran TA3000	Adtran TA5000	Alcatel GPON OLT (7342)	Alcatel G6	Cisco CRS-1
AI DP232	DTE	F25D	70123-XXX-408	ETHERNET OSN INTERFACE	90586-XXX-995	48981-XXX-253	49004-XXX-408	47405-XXX-938
46164 DB25	DCE	F25D	70124-XXX-408		90587-XXX-995	48981-XXX-253	49003-XXX-408	47425-XXX-938
AI DP232-RJ45	DTE	RJ45	70125-XXX-938		90588-XXX-995	48980-XXX-253	49005-XXX-938	47788-XXX-938
HDPP-32	DTE	RJ45	70126-XXX-938		90589-XXX-995	48980-XXX-253	70052-XXX-938	Rollover Cable
Pancho Panel	EITHER	RJ45	70126-XXX-938		90589-XXX-995	48980-XXX-253	70052-XXX-938	568B Cable
MRV LX8040S	DTE	RJ45	70127-XXX-938		90564-XXX-995	48980-XXX-253	70041-XXX-938	49994-XXX-938

Panel, Signal, & Connector			Cisco 2621	Cisco 15454	Cisco 2950	Cisco 7609	Telco Systems Edgelink EL-100	Telco Systems T5C
AI DP232	DTE	F25D	47405-XXX-938	ETHERNET OSN INTERFACE	47405-XXX-938	47405-XXX-938	47505-XXX-408	70102-XXX-938
46164 DB25	DCE	F25D	47425-XXX-938		47425-XXX-938	47425-XXX-938	47502-XXX-408	70103-XXX-938
AI DP232-RJ45	DTE	RJ45	47788-XXX-938		47788-XXX-938	47788-XXX-938	70053-XXX-938	70104-XXX-938
HDPP-32	DTE	RJ45	Rollover Cable		Rollover Cable	Rollover Cable	70054-XXX-938	70105-XXX-938
Pancho Panel	EITHER	RJ45	568B Cable		568B Cable	568B Cable	70054-XXX-938	70105-XXX-938
MRV LX8040S	DTE	RJ45	49994-XXX-938		49992-XXX-938	49994-XXX-938	70055-XXX-938	70106-XXX-938

Panel, Signal, & Connector			Juniper MX 960	Lucent DMX & DMXTEND	Fujitsu Flashwave 4500	Juniper M40E	Juniper ERX	Juniper E320
AI DP232	DTE	F25D	47405-XXX-938	ETHERNET OSN INTERFACE	ETHERNET OSN INTERFACE	47507-XXX-408	70108-XXX-408	70113-XXX-408
46164 DB25	DCE	F25D	47425-XXX-938			47503-XXX-408	70109-XXX-408	70114-XXX-408
AI DP232-RJ45	DTE	RJ45	47788-XXX-938			70115-XXX-938	70110-XXX-938	70056-XXX-938
HDPP-32	DTE	RJ45	Rollover Cable			47261-XXX-938	70111-XXX-262	70116-XXX-262
Pancho Panel	EITHER	RJ45	568B Cable			47261-XXX-938	70111-XXX-262	70116-XXX-262
MRV LX8040S	DTE	RJ45	49994-XXX-938			70101-XXX-938	70112-XXX-938	70017-XXX-938

Panel, Signal, & Connector			Juniper Netscreen	Lucent Lamda Unite	Lucent CBX 500	Motorola BPON & GPON OLT	Symmetricon TimeHub 5500	Symmetricon TS 3500
AI DP232	DTE	F25D	70118-XXX-408	ETHERNET OSN INTERFACE	70057-XXX-408	47502-XXX-408	ETHERNET OSN INTERFACE	ETHERNET OSN INTERFACE
46164 DB25	DCE	F25D	70119-XXX-408		30210-XXX-408	47505-XXX-408		
AI DP232-RJ45	DTE	RJ45	70120-XXX-938		70058-XXX-938	70060-XXX-938		
HDPP-32	DTE	RJ45	70121-XXX-262		70059-XXX-938	70061-XXX-938		
Pancho Panel	EITHER	RJ45	70121-XXX-262		70059-XXX-938	70061-XXX-938		
MRV LX8040S	DTE	RJ45	49993-XXX-938		49991-XXX-938	70062-XXX-938		

Panel, Signal, & Connector			Canoga Perkins 9145E
AI DP232	DTE	F25D	70118-XXX-408
46164 DB25	DCE	F25D	70119-XXX-408
AI DP232-RJ45	DTE	RJ45	70120-XXX-938
HDPP-32	DTE	RJ45	70121-XXX-262
Pancho Panel	EITHER	RJ45	70121-XXX-262
MRV LX8040S	DTE	RJ45	49993-XXX-938

Ethernet / OSN Interface Cables	
53001-XXX-YYY	- 568B UTP Patch Cord
47467-XXX-938	- 568B STP Patch Cord
47472-XXX-938	- 568B STP Crossover
47483-XXX-938	- 568B STP Rollover



Custom Cable Quick Reference Guide

Notes

