

CABLING SYSTEMS

NEWLINK

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CABLING SYSTEMS

NEWLINK

NEWLINK
Cabling Systems

NEWLINK-USA, Inc.

Since NEWLINK-USA, Inc.'s beginning in 1994, we have maintained our focus on supplying the North America, South America & Caribbean markets with high-quality computer products that are compliant with international standards. Our commitment to these regions and to the designers, customers, dealers and users, is reflected in our manufacturing of a wide spectrum of products, from metallic cabinets and supporting structures, to high-tech fiber optics and LAN equipment.

We are committed to your success by offering high quality products, prompt service, technical support and competitive pricing.

Our distribution facilities are conveniently located in Miami, the gateway to Latin America and The Caribbean. Our distribution facilities are close to the Miami International Airport, allowing us to take advantage of this convenient international hub.

Over the last 10 years, NEWLINK distributors and business partners have built an efficient network throughout more than 24 countries in North America, Central America, South America and the Caribbean.



Technical Support

This service is available to all our distributors and certified installers. NEWLINK will help you from the beginning, on blue prints or technical proposals, all the way through the final certification and warranty process.

- Design Support
- ANSI/TIA/EIA Standards Compliance
- On Site NEWLINK Certification
- Product Technical Assistance
- Education Courses & Seminars



NEWMAX 25-years Limited Warranty



NEWLINK manufactures quality products for the telecommunications industry.









Our 25-Year Limited Warranty Program offers full system coverage for documented and certified installations on both CAT 5E and CAT 6 systems.

Only certified installers that have received NEWLINK-approved training are qualified to extend this warranty to the end-user for both fiber and copper media.









QUICK-REFERENCE TO STANDARDS



ANSI/TIA/EIA-568-B.1
T568-A RJ45 Termination

							
1	2	3	4	5	6	7	8

ANSI/TIA/EIA-568-B.1
T568-B RJ45 Termination

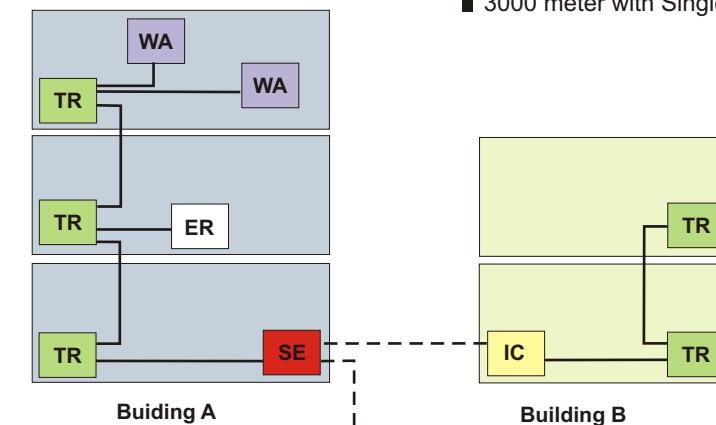
							
1	2	3	4	5	6	7	8

Use hybrid patch cords (RJ45 to RJ11) or RJ11 jacks when telephony RJ11 or RJ12 connectors are required.

HORIZONTAL CABLING

Goes from the Cross/connect to the Work Area

- 90 meter in length as maximum
- 15 meter in length as minimum
- 1 consolidation point allowed
- UTP and Multimode Fiber Optic are permitted



BACKBONE or VERTICAL CABLING

Connects Telecommunication Closets

- Length depends on media used and Application
- 800 meter with UTP carrying Voice Grade
- 90 meter with UTP, Data applications
- 2000 meter with Multimode Fiber Optics
- 3000 meter with Single-Mode Fiber Optics



WORK AREA

- Use 10 sq meter per user for estimating purposes
- Requires 2 Telecommunication's outlets, 1 must be CAT5E or CAT6
- Maximum Patch Cable length = 5 meter
- All 4 pairs shall be terminated in both ends
- Telephony and other non RJ45 connectors shall use adapters or hybrid cords.

PERFORMANCE TEST

Permanent Link Test :

From Cross-connect to Work Area

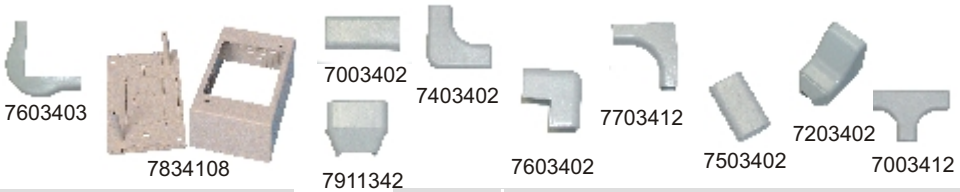
Channel Test :
Includes de Patch Cords in both ends.

Ask NEWLINK Technical Support Group.

RACEWAYS

Ordering Information

Wide	1 ¼" - 32mm
711346X	Raceway 1 ¼" x ¾" x 6' w/ autoadhesive
721140X	Ceiling Drop 1 ¼"
741140X	Elbow Cover 1 ¼"
751140X	End Cap 1 ¼"
761140X	Ext. Cover 1 ¼"
771141X	Int. Cover 1 ¼" 1" Bend
701140X	Splice Cover 1 ¼"
701141X	Tee Cover 1 ¼" 1" Bend
791134X	Reducer 1 ¼" to ¾"
783410X	Junction Box Single Gang for 1 ¼" and ¾"
X= 2: White, 8: Ivory	



Wide	¾" - 19mm
734126X	Raceway ¾" x ½" x 6' w/ auto-adhesive
720340X	Ceiling Drop ¾"
740340X	Elbow Cover ¾"
750340X	End Cap ¾"
760340X	Ext. Cover ¾"
7603403	Ext. Cover ¾" 1" Bend (white only)
770341X	Int. Cover ¾" 1" Bend
700340X	Splice Cover ¾"
700341X	Tee Cover ¾" 1" Bend
783410X	Junction Box Single Gang for 1 ¼" and ¾"
X= 2: White, 8: Ivory	

TOOLS AND TESTERS

Ordering Information

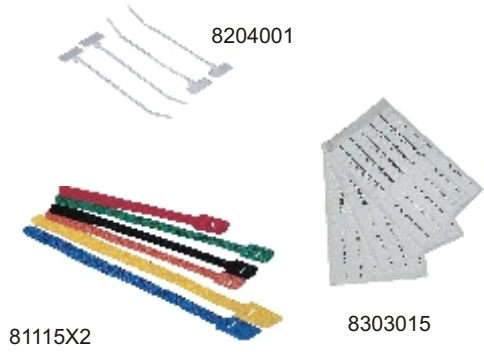
Item #	Description
5010001	Fiber Optic Termination Kit ST and SC
5010002	Fiber Optic Termination Kit Consumables
5010003	Fiber Optic Crimp Tool
5010005	Epoxy 2-gram pack (good for 25-35 connectors)
5020001	UTP Wire Stripper
5554508	Crimp Tool for AMP Modular Plugs
5584508	Crimp Tool for Modular Plugs
5584651	Continuity Cable Tester RJ11/RJ12/ RJ45 and BNC 8 connectors
5660001	Punch Tool 66 Replacement Blade
5584510	Punch Down Tool 66/110 Type Low and High Impact
5110001	Punch Tool 66/110 Replacement Blade
5110002	Punch Tool 110 Replacement Blade



CABLE TIES AND LABELS

Ordering Information

Item #	Description
8111502	Velcro Grip Tie 11" 50lbs Black 100-pk
8111512	Velcro Grip Tie 11" 50lbs Red 100-pk
8111522	Velcro Grip Tie 11" 50lbs Blue 100-pk
8111532	Velcro Grip Tie 11" 50lbs Orange 100-pk
8111542	Velcro Grip Tie 11" 50lbs Green 100-pk
8111552	Velcro Grip Tie 11" 50lbs Yellow 100-pk
8204000	Plastic Cable Tie 4" 100-pk
8204001	Plastic Cable Tie 4" Identifiable 200-pk
8303015	Label Book (Data/Phone Icons)



NEWLINK LAN SOLUTIONS

WIRELESS SOLUTIONS

ACTIVE EQUIPMENT

CATEGORY 3 SOLUTIONS

CATEGORY 5E SOLUTIONS

CATEGORY 6 SOLUTIONS

FIBER OPTIC CABLES

FIBER OPTIC SOLUTIONS

FACEPLATES

RACKS AND CABINETS

TOOLS AND TESTERS

RACEWAYS

TIES AND LABELING





WIRELESS SOLUTIONS

NEWLINK Wireless equipment and antennas brings a comprehensive solution for your indoor and campus applications wherever you need to use wireless 802.11 Technology.

With the last developments in the IEEE802.11g specifications, the WLAN have been updated with strong security tools for almost any application and with high data rates reaching the 54 Mb/s.

Our external antenna arrays and accessories bring the wireless access outdoors to the Campus and Inter-building layouts, well suited for schools, universities, airports, warehouses and other applications.



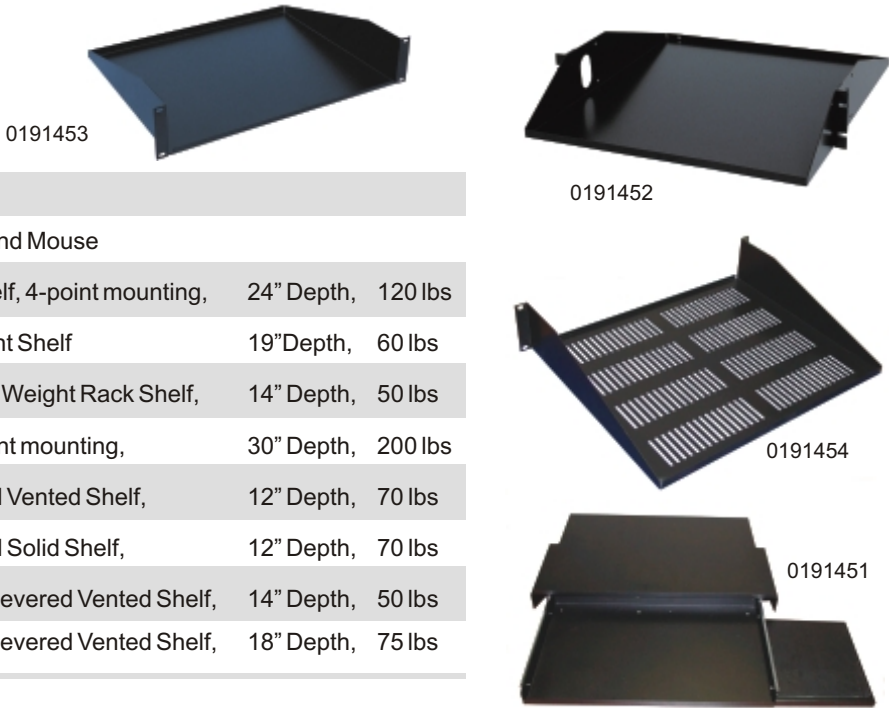
Ordering Information

Item #	Description
6500210	Access Point IEEE802.11g
6500230	32-bit Card Bus Laptop Adapter, IEEE802.11g
6500240	PCI Desktop Adapter, IEEE802.11g,
6840006	Ultra Low-Loss (ULL) Antenna Extension, L=6m
6840009	Ultra Low-Loss (ULL) Antenna Extension, L=9m
6840012	Ultra Low-Loss (ULL) Antenna Extension, L=12m
6820003	Direct Link Antenna to Access Point, L=3m. Specify AP brand
6820006	Direct Link Antenna to Access Point, L=6m. Specify AP brand
6800000	Universal Surge Protector up to 6 GHz, 1m grounding cable
6800010	Antenna Jumper Interface for Dlink AP. Requires 68400xx ULL cable
6800020	Antenna Jumper Interface for Cisco/Lynksys AP. Requires 68400xx ULL cable
6800030	Antenna Jumper Interface for Lucent AP. Requires 68400xx ULL cable
6800040	Antenna Jumper Interface for PROXIM AP. Requires 68400xx ULL cable
6810005	Omni-directional Antenna. Indoor only. Gain=5dBi
6810110	Omni-directional Antenna. Indoor/Outdoor. Gain=8dBi
6810120	Point-to-Point Directional Antenna. Gain=9dBi
6810130	Point-to-Point Directional Antenna. Gain=14dBi

EQUIPMENT SHELVES

Ordering Information

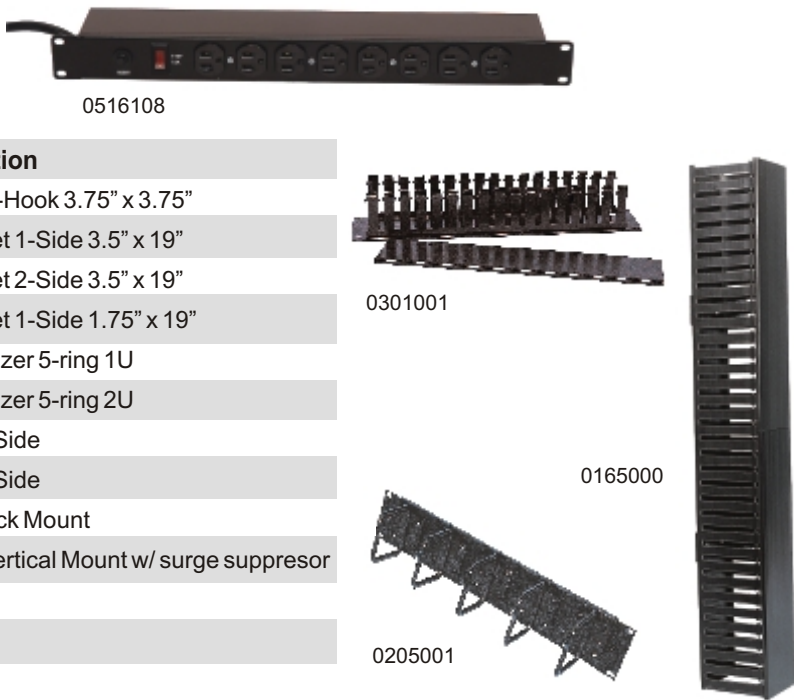
Item #	Description
0191449	19" Shelf - Keyboard and Mouse
0191451	19" Sliding Vented Shelf, 4-point mounting, 24" Depth, 120 lbs
0191452	19" Solid Center Weight Shelf 19"Depth, 60 lbs
0191453	19" Solid Cantilevered Weight Rack Shelf, 14" Depth, 50 lbs
0191454	19" Vented Shelf 4-point mounting, 30" Depth, 200 lbs
0191510	19" Flush Cantilevered Vented Shelf, 12" Depth, 70 lbs
0191511	19" Flush Cantilevered Solid Shelf, 12" Depth, 70 lbs
0191512	19" Flush Mount Cantilevered Vented Shelf, 14" Depth, 50 lbs
0191518	19" Flush Mount Cantilevered Vented Shelf, 18" Depth, 75 lbs



RACK ACCESSORIES

Ordering Information

Item #	Description
0165000	Vertical Cable Hanger 1-Hook 3.75" x 3.75"
0201001	Horizontal Cable Bracket 1-Side 3.5" x 19"
0201002	Horizontal Cable Bracket 2-Side 3.5" x 19"
0301001	Horizontal Cable Bracket 1-Side 1.75" x 19"
0204001	Horizontal Cable Organizer 5-ring 1U
0205001	Horizontal Cable Organizer 5-ring 2U
0335010	Vertical Wire Bracket 1-Side
0335020	Vertical Wire Bracket 2-Side
0516108	8-Outlet Power Strip Rack Mount
0516112	16-Outlet Power Strip Vertical Mount w/ surge suppressor
0617519	Filler Panel 1U
0635019	Filler Panel 2U
0652519	Filler Panel 3U



CABINETS FREE STANDING AND WALL MOUNT



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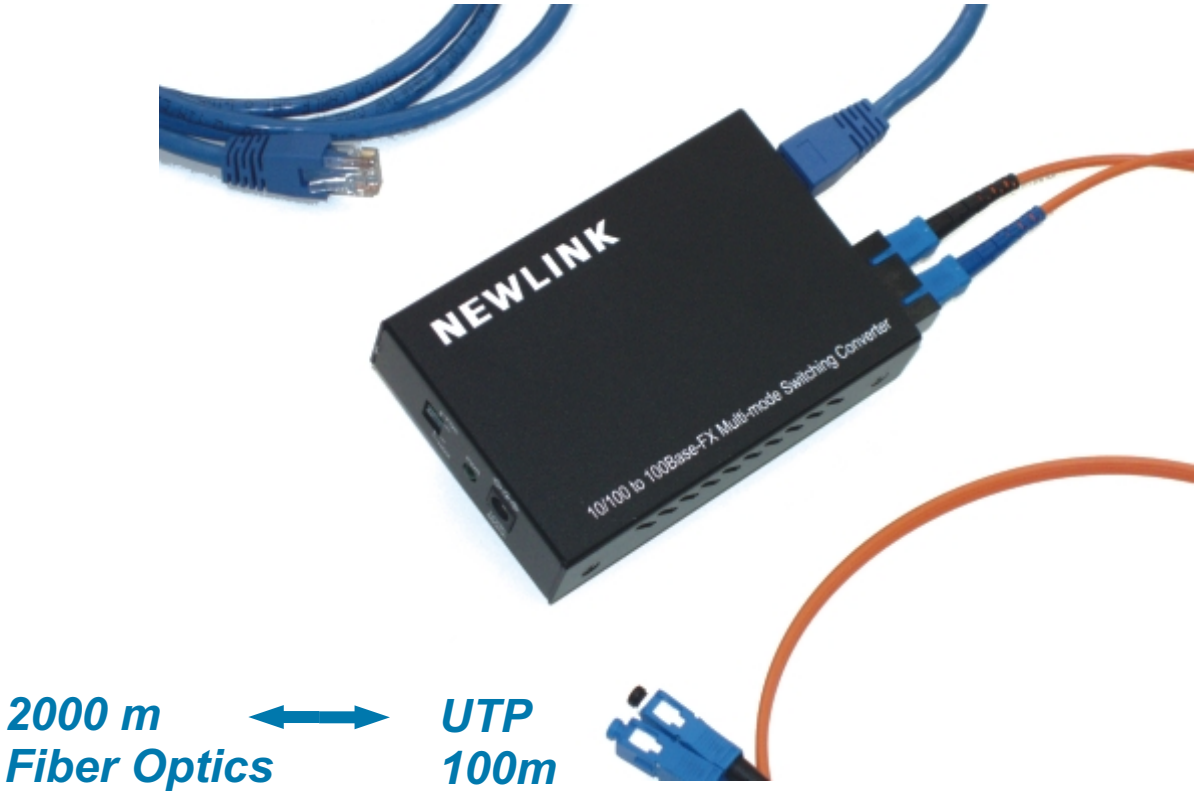
Ordering Information

Item #	Description	Rack Units
0924012	24" Wallmount Enclosure Glass Door, black, w/lock 24" x 21 1/4" x 20 5/8"	12 U
0924015	30" Wallmount Enclosure Glass Door, black, w/lock 30" x 21 1/4" x 20 5/8"	15 U
0948025	48" Wallmount Enclosure Glass Door, black, w/lock 48" x 21 1/4" x 20 5/8"	25 U
0948045	48" Cabinet Glass Door, Rails, casters 48" x 24" x 30"	20U
0984040	84" Cabinet Glass Door, Rails, Levelers, w/lock 84" x 24" x 30", 19" Mounting	45U
0990006	2 unit Turbo Fan 4", 110 VAC (for 0924012, 0924015, 0984040 only)	

ETHERNET MEDIA CONVERTERS

Applications

- Extends LAN boundaries up to 2000m and beyond depending on models.
- Interconnects UTP cabling with Fiber Optics transparently with minimum latency.
- Brings extra-protection against noise and EMI by the use of Fiber Optics cables.
- Typical multimode FO 100Base-FX application reaches 2000m.
- Gigabit applications over Multimode reach the limits of 220 or 550m depending on fiber core.
- Single-mode applications available for longer distance RJ45 interface.
- Selection of SC or ST connectors over Fiber Optics.



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Ordering Information

Item #	Description	
6210130	Media Converter Multimode ST to UTP, 10/100 Mbps	2000 m
6210140	Media Converter Multimode SC to UTP, 10/100 Mbps	2000 m
6210165	Media Converter Multimode SC to UTP, 1000Base-SX	220 / 550 m
6210035	Media Converter Single-mode SC to UTP, 100Base-FX, 100Base-TX	20 km

LAN - LAYER 2 ETHERNET SWITCHES

Applications:

- Prepared for Medium to Large workgroups
- VLAN groups.
- Optional Copper and Fiber Optic Modules
- Configuration Management Options
- STP, VoIP and specific features depending upon the model



General Features:

- Based on ETHERNET IEEE 802.3 standards family.
- Auto-Negotiation Ethernet Switches.
- Comply with the IEEE802.3 Ethernet and IEEE802.3u. Fast Ethernet Standards in all UTP ports.
- Feature Store-and-Forward mode with wire-speed filtering and forwarding rates.
- Full/Half-Duplex capability on every TX ports, total bandwidth is up to 200Mbps/port.
- Backpressure flow control for half duplex operation
- Automatic source address learning and adjustable aging.
- IEEE802.3X flow control for full duplex operation.
- LED indicators for simple diagnostics and management.
- Plug and Play
- Comply FCC Part15, CE

10 / 100 ports	MODULES	VLAN	Service Priority	SNTP	10/100/1000 UTP	100Base-FX	1000Base-SX
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6030108	8							
6020108	8							
6030016	16							
6030024	24							
6021316	16	1	14				1	
6021324	24	2	24	Y			2	
6040224	24	2	256	QoS	Y	2	2	2

FIBER OPTIC DISTRIBUTION BOXES

NEWLINK Fiber Optic Distribution Boxes provide a flexible cable management system using adapter plates commonly required in the industry.

Ordering Information

Item #	Description
2670010	Rack Mount Fiber Box 12-port (2 unloaded ST-ST plates)
2670022	Rack Mount Fiber Box 24-port (4 unloaded ST-ST plates)
2670072	Rack Mount Fiber Box 72-port (12 unloaded ST-ST plates)
2670096	Rack Mount Fiber Box 96-port (16 unloaded ST-ST plates)
2670048	Rack Mount Fiber Box 48-port (8 unloaded ST-ST plates)
2681110	Wall Mount Fiber Box 12-port (2 unloaded ST-ST plates)
2681122	Wall Mount Fiber Box 24-port (4 unloaded ST-ST plates)
2780036	Fiber Loaded Strip 6-ST-ST (for 2670010/22/48 and 2681110/22 only)
2780035	Fiber Loaded Strip 8-ST-ST (for 2670010/22/48 and 2681110/22 only)
2780038	Fiber Loaded Strip 8-ST-ST (for 2670048/72 and 96)
2880046	Fiber Loaded Strip 6-SC-SC (for 2670048/72 and 96)
2880048	Fiber Loaded Strip 3-SC Duplex (for 2670048/72 and 96)
2880058	Fiber Loaded Strip 8-SC Duplex (for 2670048/72 and 96)
2960036	Fiber Loaded Strip 6-FC-PC (for 2670010/22 and 2681110/22)



2681110



2780035



2670048

For other connector types please talk to your Sales Representative.

RACKS

Ordering Information

Item #	Description	Rack Units
0841225	Wallmount Rack 25" x 20", 18", swing-out	12U
0841236	Wallmount Rack 36" x 20", 18"	20U
0842031	Rack Steel 7' x 19" Black Powder Coated	45U
0842015	Rack Aluminum 7' x 19"	45U
0842016	Rack Aluminum 7' x 19" Black Powder Coated	45U
0842023	Rack Steel 4' x 19" Black Powder Coated	20U
0842024	Rack Aluminum 4' x 19" Black Powder Coated	20U
0842025	Rack Aluminum 4' x 19"	45U
0455040	4-Position Wall Mount Bracket 12" Depth	4U



0842016

If you need a bracket that is not listed here, please contact your Sales Representative..

45° ANGLED FACEPLATES AND JACKS

Ordering Information

Item #	Description		Color
3554001	45 angled	1-Port RJ45 CAT-5E Jack and Faceplate w/icons	White
3554002	45 angled	2-Port RJ45 CAT-5E Jacks and Faceplate w/icons	White
3554004	45 angled	4-Port RJ45 CAT-5E Jacks and Faceplate w/icons	White
3554021	45 angled	1-Port RJ45 CAT-5E Jack and Faceplate w/icons	Ivory
3554022	45 angled	2-Port RJ45 CAT-5E Jacks and Faceplate w/icons	Ivory
3556621	45 angled	1-Port RJ45 CAT-6 Jacks and Faceplate w/icons	White
3556622	45 angled	2-Port RJ45 CAT-6 Jack and Faceplate w/icons	White
3556624	45 angled	4-Port RJ45 CAT-6 Jacks and Faceplate w/icons	White



MODULAR JACKS
CAT3, CAT5E AND CATEGORY 6

Ordering Information

Item #	Description	Color
3584511	RJ11 Jack Snap CAT 3	Ivory
3584505	RJ45-110 CAT 5E Jack Snap (order with 40000XX)	Orange
3584506	RJ45-110 CAT 5E Jack Snap (order with 40000XX)	Blue
3584507	RJ45-110 CAT 5E Jack Snap (order with 40000XX)	Green
3584508	RJ45-110 CAT 5E Jack Snap (order with 40000XX)	White
3584509	RJ45-110 CAT 5E Jack Snap (order with 40000XX)	Red
3584510	RJ45-110 CAT 5E Jack Snap (order with 40000XX)	Black
3584515	RJ45-110 CAT 5E Jack Snap (order with 40000XX)	Yellow
3584528	RJ45-110 CAT 5E Jack Snap (order with 40000XX)	Ivory
3684604	CAT 6 RJ45 Keystone Jack	Gray
3684606	CAT 6 RJ45 Keystone Jack	Blue
3684607	CAT 6 RJ45 Keystone Jack	Green
3684608	CAT 6 RJ45 Keystone Jack	White
3684609	CAT 6 RJ45 Keystone Jack	Red
3684610	CAT 6 RJ45 Keystone Jack	Black
3684615	CAT 6 RJ45 Keystone Jack	Yellow
3684628	CAT 6 Rj45 Keystone Jack	Ivory



MODULES AND OPTIONS

These Optional Modules extend the capabilities for some models of switches adding Gigabit or Fast Ethernet backbone ports to work over fiber optics or UTP media. Designed for specific equipment models fullfill the requirements for long-loops up To 20 km using Fiber Optics or simply to stack equipment for aggregated networks.



4-CHANNEL KVM SWITCH

- Switches Up to 4 server's Keyboard, Monitor and Mouse sets
- Push Button / Hot Key Channel selector
- Optional Extension cables
- Spare optional DC power Supply

Ordering Information

Item #	Description	
6030108	8 port 10/100 Mbps Ethernet Switch	110 Volts
6020108	8 port 10/100 Mbps Ethernet Switch	220 Volts
6030016	16 port 10/100 Ethernet Switch, rack mountable	autovoltage
6030024	24 port 10/100 Ethernet Switch, rack mountable	autovoltage
6021316	16 port 10/100 Ethernet VLAN Switch, accepts 1 optional module	autovoltage
6021324	24 port 10/100 Ethernet VLAN Switch, accepts 2 optional modules	autovoltage
6010524	100Base-FX ST Multimode Fiber module	for 6021316 / 24
6040224	24 port 10/100 Ethernet SNMP Switch, accepts 2 Gigabit modules	autovoltage
6040110	10/100/1000 UTP RJ45 module	for 6040224
6040120	1000Base-SX SC Multimode Fiber module	for 6040224
6040123	100Base-FX SC Multimode Fiber module	for 6040224
6300410	KVM Switch 4 port rackmountable	no power supply
6300402	VGA / Keyboard / Mouse KVM extension cable	6 ft / 1.8 m



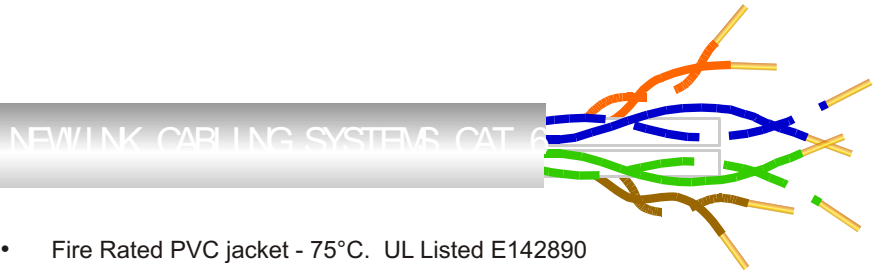
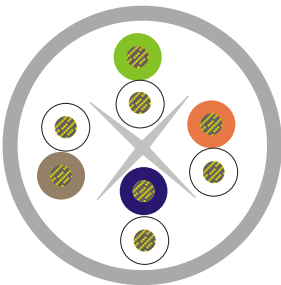
UTP COPPER CABLES

UTP or Unshielded Twisted-pair copper cables manufactured by NEWLINK exceed with significant headroom the TIA/EIA and ISO/IEC requirements in any of the following Category or Class Performances: CAT3/C; CAT5E/D and CAT6/E.

CATEGORY 6 / Tested at 600 Mhz

- UTP, 4 Balanced-pair, 100 Ohms
- Round cable with cross-web design for superior PS-NEXT
- Small overall diameter for more conduit capacity
- Solid bare copper 0.55mm / 23 AWG
- Approved for Riser applications - NEC/NFPA 70 : CM, CMR ratings
- Compliance ISO/IEC 11801:2002 and TIA/EIA-568-B.2-1

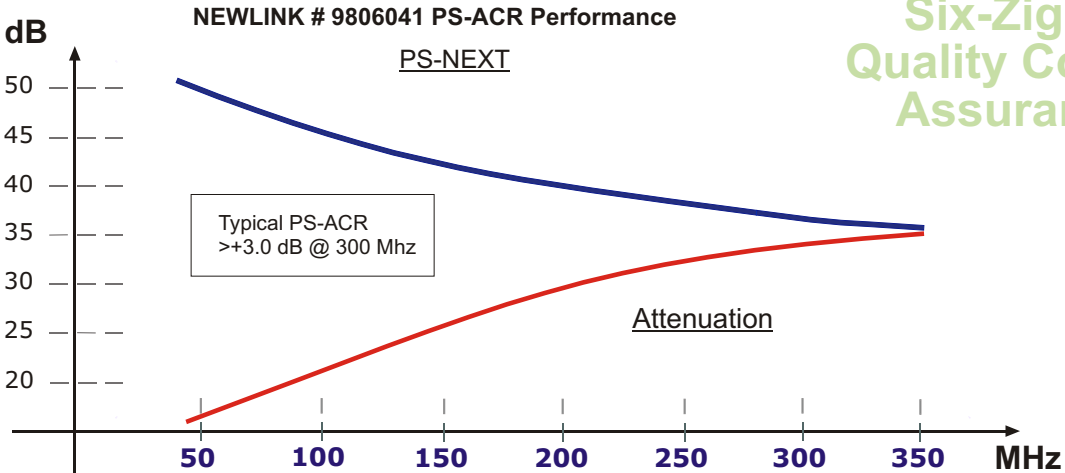
CAT 6
CAT 5E
CAT 3



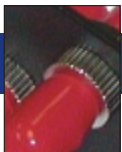
- Fire Rated PVC jacket - 75°C. UL Listed E142890
- Nominal diameter 6.5 mm
- Bend radius installed: 4X cable diameter = 26 mm
- Length measurement printing over jacket

25 YEAR
GUARANTEED

Six-Zigma
Quality Control
Assurance



ACCESSORIES



CONNECTORS, PLUGS, AND COUPLERS

Ordering Information

Item #	Description
3584500	RJ45 8-Wire Cat-5E Plug
321175M	SC Connector Multimode Simplex
321176M	SC Connector Single-mode Simplex
312167M	ST Connector Multimode Simplex Ceramic
312168M	ST Connector Single-mode Simplex Ceramic
3580001	ST-ST Coupler Simplex
3580002	SC-SC Coupler Simplex
3580012	SC-SC Coupler Duplex
3580013	ST-FC Coupler Duplex

* If you need a fiber optic connector or a coaxial series connector that is not listed here, please contact your sales representative.



WALL PLATES AND SURFACE BOXES

Ordering Information

Item #	Description	Color
4000001	Wall Plate 1-port Single Snap	White
4000002	Wall Plate 2-port Single Snap	White
4000033	Wall Plate 3-port Single Snap	White
4000034	Wall Plate 4-port Single Snap	White
4000036	Wall Plate 6-port Single Snap	White
4000021	Wall Plate 1-port Single Snap	Ivory
4000022	Wall Plate 2-port Single Snap	Ivory
4000023	Wall Plate 3-port Single Snap	Ivory
4000025	Wall Plate 6-port Single Snap	Ivory
4000012	Blank Insert (use with 4000001, 2, 33, 32, and 3554001, 02, 04)	White
4000041	Deluxe Wallplate w/shutter, 1-port, iconable	White
4000042	Deluxe Wallplate w/shutter, 2-port, iconable	White
4000043	Deluxe Wallplate w/shutter, 4-port, iconable	White
4000004	Surface Jack Box 1-port	White
4000003	Surface Jack Box 2-port	White
4000014	Surface Jack Box 4-port	White
4000005	Surface Mount Box 1 gang	White
4000048	Surface Jack Box 1-port	Ivory
4000038	Surface Jack Box 2-port	Ivory



PATCH CORDS

UTP - Patch Cables / Cords

NEWLINK UTP Patch Cords are flexible and rugged enough to bring a long-life guaranteed performance. Our 100% Factory Tested Patch Cords ensure the highest reliability on your Structured Cabling System and fulfillment for CAT5E and CAT 6 TIA/EIA 568-B.2 testing specifications.

- Stranded 4-pair 24 AWG cables
- CAT5E performance tested at 200 Mhz
- CAT6 performance tested at 350 Mhz
- Universal Straight Termination, T568A / B
- Standard Lengths available in 1, 2 and 3 meter



Fiber Optic - Patch Cables / Cords

- Use NEWLINK Zipcord OFNR Cable
- Low Loss Machine-polished ceramic connectors (< 0,2 dB)
- Available in Multimode (graded index) and Single-Mode cores
- Standard Lengths available in 1, 2 and 3 meter
- Colors: orange and yellow for MM / SM respectively



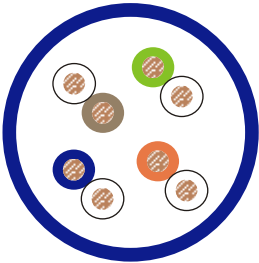
Special Lengths or Configurations available upon request

Ordering Information

Item #	Description	Color
1584LC	UTP CAT 5E, Length L=(1,2,3 m),	Color C*
1685LC	UTP CAT 6, Length L=(1,2,3 m),	Color C*
121111L	Multimode FO Patch Cord Duplex, ST-ST; L=(1,2,3 m),	orange
122111L	Single-Mode FO Patch Cord Duplex, ST-ST; L=(1,2,3 m),	yellow
131111L	Multimode FO Patch Cord Duplex, ST-SC; L=(1,2,3 m),	orange
132111L	Single-Mode FO Patch Cord Duplex, ST-SC; L=(1,2,3 m),	yellow
151000L	Multimode FO Patch Cord Duplex, SC-SC; L=(1,2,3 m),	orange
152000L	Single-Mode FO Patch Cord Duplex, SC-SC; L=(1,2,3 m),	yellow

CATEGORY 5E / Tested at 350 MHz

- UTP, 4 Balanced-pair, 100 Ohms
- Blue and gray jackets
- Small overall diameter for more conduit capacity
- Solid bare copper 0.45mm / 24 AWG
- Compliance ISO/IEC 11801:2002 and TIA/EIA-568-B.2-1
- Fire Rated PVC jacket - 75°C. UL Listed E142890
- Nominal diameter 5.0 mm
- Bend radius installed: 4X cable diameter = 20 mm
- Length measurement printing over jacket



CATEGORY 3 / 2, 3, 4 and 6 Pairs

- Gray and beige jackets depending on model
- Different configurations from 2 up to 6-pair assemblies
- Smaller overall diameter for more conduit capacity
- Solid bare copper 24 AWG
- Approved for conduit applications - NEC/NFPA 70 : CM rating
- Fire Rated PVC jacket - 75°C

ALARMS
CONTROL
SIGNALS
TELEPHONY
VOICE-GRADE



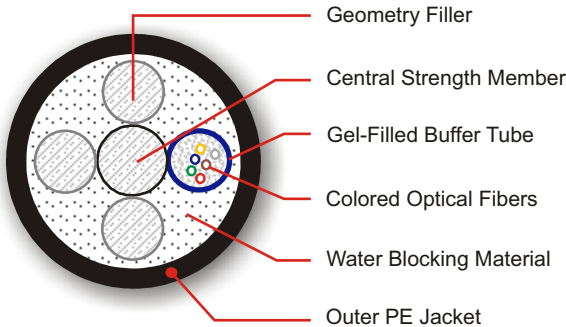
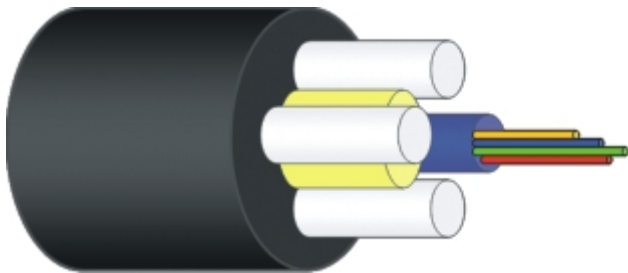
Ordering Information

Item #	Description
9803041	UTP 2-pair CAT 3 Cable, CM, gray, 1000 ft / 305 m
9803043	UTP 2-pair CAT 3 Cable, CM, beige, 1000 ft / 305 m
9803045	UTP 3-pair CAT 3 Cable, CM, beige, 1000 ft / 305 m
9803046	UTP 6-pair CAT 3 Cable, CM, beige, 1000 ft / 305 m
9805041	UTP 4-pair CAT 5E Cable, CMR, gray, 1000 ft / 305 m
9805042	UTP 4-pair CAT 5E Cable, CMR, blue, 1000 ft / 305 m
9806041	UTP 4-pair CAT 6 Cable, CMR, light gray, 1000 ft / 305 m
9806042	UTP 4-pair CAT 6 Cable, CMR, blue, 1000 ft / 305 m



FIBER OPTIC CABLES

LOOSE TUBE



Loose Tube Fiber Optic Cables are designed for use in Outdoors, where enhanced mechanical resistance is required. The “loose” design allows higher levels for vibration, stress, movement, thermal expansion, making it the right choice for outside plant, interbuilding campus backbones and whenever a mechanical stress is a major concern. Loose-Tube cables require a “buffering” termination kit in order to protect the individual fibers inside the trays.

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APPLICATIONS

- OUTSIDE PLANT
- CAMPUS BACKBONE
- AERIAL SPANS
- DIRECT BURIAL
- ANTI RODENT PROTECTION
- ALL DIELECTRIC - 25 KV



SPECIAL CONSTRUCTIONS BY REQUEST
MINIMUM LENGHTS APPLY
ASK YOU NEWLINK DISTRIBUTOR



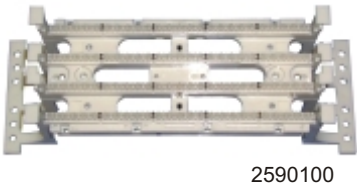
FIBER OPTIC PATCH PANELS

- Low Cost pre-loaded panels
- Two panel sizes: 12 and 24 ST couplers.



CATEGORY 3 PUNCH DOWN BLOCKS

These connector blocks are designed for simplicity and high density termination of voice grade cabling (CAT 3) allowing a simple way for cross connection between Central Equipment (PBX) and Horizontal Distribution. It is indicated also for Service Entrance connections where the cables are running inside or going outside the building.



Ordering Information

Item #	Description	
2594512	UTP Patch Panel CAT 5E 12-port RJ45	1U
2594524	UTP Patch Panel CAT 5E 24-port RJ45	1U
2594548	UTP Patch Panel CAT 5E 48-port RJ45	2U
2694612	UTP Patch Panel CAT 6 12-port RJ5	1U
2694624	UTP Patch Panel CAT 6 24-port RJ5	1U
2694648	UTP Patch Panel CAT 6 48-port RJ45	2U
2584612	FO Patch Panel 12-port ST-ST Loaded	1U
2584624	FO Patch Panel 24-port ST-ST Loaded	2U
2584648	FO Patch Panel 48-port ST-ST Loaded	2U
2590025	Punch Down Block 25 pairs S66 (no legs)	
2590050	Punch Down Block 50 pairs S66 (no legs)	
2590100	Punch Down Block 100 pairs S110 (no legs)	
2590103	(C-3) 110 system connecting block 3-pair	
2590104	(C-4) 110 system connecting block 4-pair	
2590105	(C-5) 110 system connecting block 5-pair	
2590125	Wall base for S66 punch down blocks	
2590101	S110 Punch down blocks 100 pairs for 19" Rack	
2590102	S110 Punch down blocks 200 pairs for 19" Rack	
2591101	19" Rack mountable kit 110 blocks, 100-pair with connectors	1U
2591102	19" Rack mountable kit 110 blocks, 200-pair with connectors	2U
2794712	Deluxe CAT6 Patch Panel 12-port RJ45 w/support bar	1U
2794724	Deluxe CAT6 Patch Panel 24-port RJ45 w/support bar	1U
2794748	Deluxe CAT6 Patch Panel 48-port RJ45 w/support bar	2U

1 U = 1 Rack Height Unit



25900050

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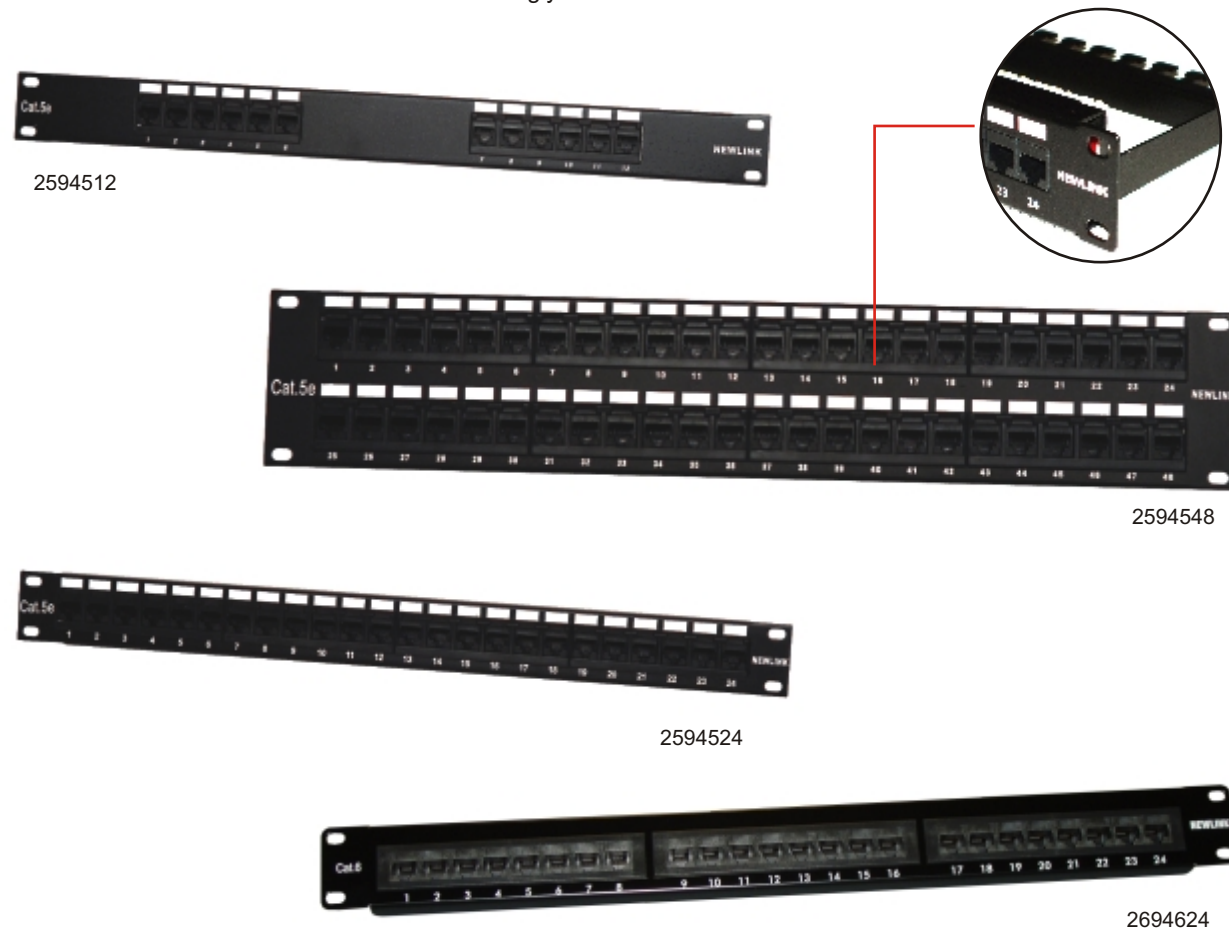
CONNECTING HARDWARE

CATEGORY 5E & CATEGORY 6 PATCH PANELS

Designed for standard 19" racks, these products are approved for CAT 5E and CAT 6 applications as defined by ANSI/TIA/EIA 568-B.2.

UTP PATCH PANELS / RJ45-110

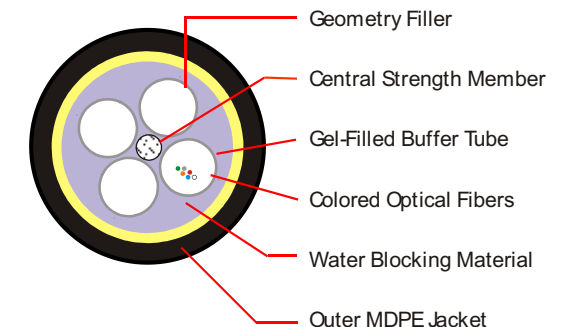
- NEWLINK patch panels have 3 size options 12, 24 or 48 Ports Units.
- Horizontal Cabling for telephony, data, and generic telecommunication systems.
- Back connections are by 4-pair 110 connector system.
- Interior pin arrangement protect the RJ45 jack against misusing RJ11 or RJ12 plugs.
- Steel frame, electrostatic paint, use individual white labels and numbering for each port.
- Tested for NEXT and RETURN LOSS accordingly ANSI/TIA/EIA 568.B.2-1.



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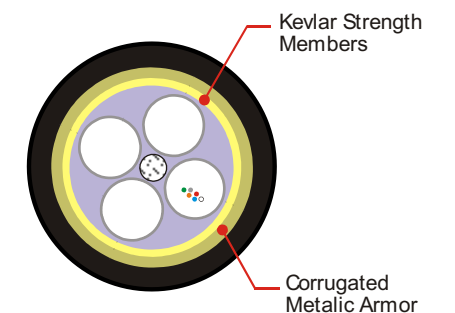
Duct Fiber Optic Cables (Non-Armored)

- Rugged Medium Density PE jacket, easy to strip
- Quicker cable preparation and termination
- Enhanced water-blocking technology
- Requires Termination Buffering-Kit
- Use inside conduit, ducts and trays



Direct-Buried Fiber Optic Cables (Armored)

- Small, light weight metallic armored design
- Armor is conductive as per NFPA 70 - OFC
- Flexible enough for easy installation
- Same characteristics as Duct FO Cable
- Use direct buried, exposed, inside conduit, duct and trays or when risk of rodents exist

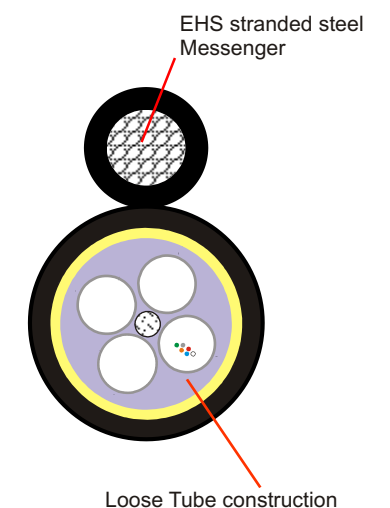


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Aerial / Figure-8 Fiber Optic Cables

Designed for easy and economical one-step aerial installation. The Figure-8 design consists of a fiber optic cable core integrated with a EHS stranded steel messenger by a common jacket extruded over the set.

- Rugged Medium Density PE jacket, durable and easy to strip
- Uses standard Fig-8 mounting hardware and installation methods
- Available in Multimode (50 um ; 62.5 um) and Single-Mode cores
- Loose Tube design isolates fiber optics from the climate rigors
- Spans exceeding 150 m (500 ft) under NESC heavy storm loading
- Typical span in the range of 15 to 45 m (45 to 150 ft)
- Environmental, UV, water, heat, fungus Protected



ADSS / All Dielectric Self-Supported

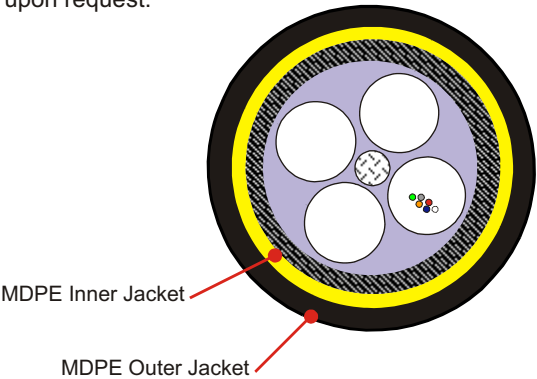
Design for Aerial installation using poles and towers that attend high-voltage services at the same time. ADSS cables are classified as Non-Conductive with high isolation levels up up to 25kV reducing risk of electrical discharges due to atmospheric events.

Applications are:

- Campus Backbone
- Inter-buiding
- Intra-buiding

This cable type is available with long-span options up to 500m upon request.

- All Dielectric construction uses double MDPE jacket
- None metallic components
- Prepared for 25 kV isolation
- Grounding / Bonding are not required
- Fibers are protected inside gel-filled buffer tubes
- Very light weight : greater spans with minimal sag
- Typical span in the range of 30 to 80 m (90 to 250 ft)
- Environmental, UV, water, heat, fungus Protected

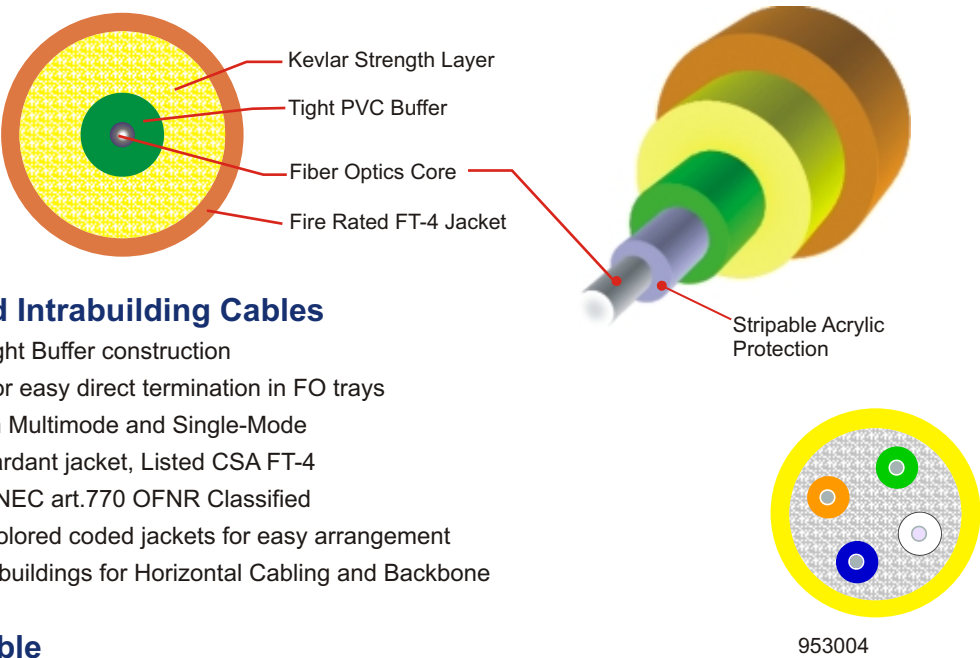


Ordering Information

Item #	Description
9460xxx	Loose Tube, Non-Armored, OFN, Multimode 62,5/125 um
9461xxx	Loose Tube, Non-Armored, OFN, Multimode 50/125 um
9410xxx	Loose Tube, Non-Armored, OFN, Single-Mode
9480xxx	Loose Tube, Armored, OFC, Multimode 62,5/125 um
9481xxx	Loose Tube, Armored, OFC, Multimode 50/125 um
9430xxx	Loose Tube, Armored, OFC, Single-Mode
9470xxx	Loose Tube, Figure-8, OFC, Multimode 62,5/125 um
9471xxx	Loose Tube, Figure-8, OFC, Multimode 50/125 um
9420xxx	Loose Tube, Figure-8, OFC, Single-Mode
9490xxx	Loose Tube, ADSS, OFN, Multimode 62,5/125 um
9491xxx	Loose Tube, ADSS, OFN, Multimode 50/125 um
9440xxx	Loose Tube, ADSS, OFN, Single-Mode

TIGHT BUFFER

NEWLINK Tight Buffer Fiber Optic Cables are designed for use in backbone risers, to interconnect telecommunication closets and in campus layouts using conduit, raceways, trays or ducts. They could be used outdoors also when cables are protected with a mechanical barrier. The Tight Buffer design makes fiber optics easy for handling, stripping and termination saving precious time during installations.



Riser-Rated Intrabuilding Cables

- 900 um Tight Buffer construction
- Prepared for easy direct termination in FO trays
- Available in Multimode and Single-Mode
- Flame Retardant jacket, Listed CSA FT-4
- NFPA 70 / NEC art.770 OFNR Classified
- Standard colored coded jackets for easy arrangement
- Use inside buildings for Horizontal Cabling and Backbone

Zipcord Cable

- 3,0 mm Tight Buffer Twin-construction
- Aramid yarn strength members in each cord
- Easy to terminate, light and flexible
- Suitable for Horizontal cabling as per TIA/EIA 568-B
- Flame retardant jacket, Listed CSA FT-4
- NFPA 70 / NEC art.770 OFNR Classified



Ordering Information

Item #	Description
95300xx	Tight Buffer, OFNR, Multimode 62,5/125 um
95310xx	Tight Buffer, OFNR, Multimode 50/125 um
95800xx	Tight Buffer, OFNR, Single-Mode
9590002	Zipcord, Tight Buffer, OFNR, Multimode 62,5/125 um
9591002	Zipcord, Tight Buffer, OFNR, Multimode 50/125 um
9592002	Zipcord, Tight Buffer, OFNR, Single-Mode

