

NEWLINK

Cabling Systems



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TABLE OF CONTENTS

Introduction	3
Networking Products	5
Media Converters	5
LAN Switches	5
KVM Switches	6
Wireless Equipment	7
CAT-3 Solutions	8
CAT-5E Solutions	10
CAT-6/6A Solutions	13
Coaxial Solutions	16
Fiber Optic Solutions	17
Wall Plates	21
Racks and Cabinets	23
Racks and Cabinets' Accessories	24
Raceways and Accessories	27
Cable Ties and Labeling Products	30
Kits, Tools, and Testers	32
Cable Trays and Accessories	35

QUICK REFERENCE TO STANDARDS



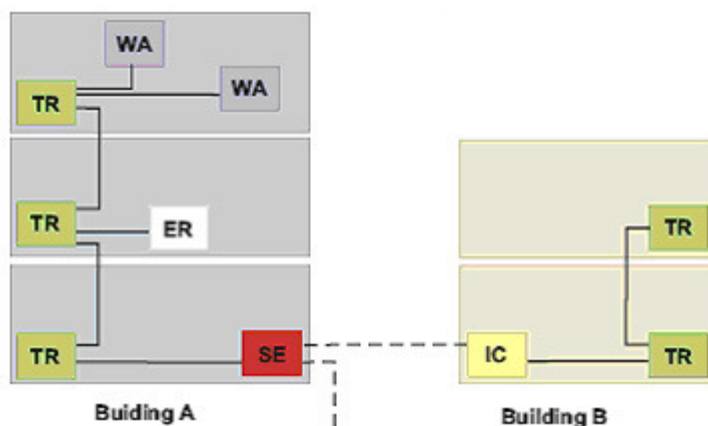
Use hybrid patch cords (RJ45 to RJ11) or RJ11 jacks when telephony RJ11 or RJ12 connectors are required.

HORIZONTAL CABLING

- Goes from the Cross/connect to the work area
- 90 meters in length as maximum
- 15 meters in length as minimum
- 1 consolidation point allowed
- UTP and Multi-mode Fiber Optic are permitted

BACKBONE OR VERTICAL CABLING

- Length depends on media use and application
- 800 meters with UTP carrying Voice Grade
- 90 meters with UTP, Data Application
- 2000 meters with Multi-mode Fiber Optics
- 3000 meters with Single-mode Fiber Optics



WORK AREA

- Use 10 square meter per user for estimating purposes
- Requires 2 Telecommunication's outlets, 1 must be CAT-5E or CAT-6
- Maximum Patch Cable length = 5-meter
- All 4-pair shall be terminated in both ends
- Telephony and other non-RJ45 connectors shall use adapters or hybrid cords.

PERFORMANCE TESTS

- Permanent Link Test: From Cross-connect to Work Area.
- Channel Test: Includes the patch cords in both ends.



NETWORKING EQUIPMENT

ETHERNET technology is leading the LANs with more than 96% of worldwide installed ports. Newlink offers a complete line of networking products such as media converters, LAN switches, KVM switches, and wireless equipment.

MEDIA CONVERTERS

Media Converters allow using Fiber Optics to extend LAN networks beyond the limits imposed by UTP cables.

- Ethernet specifications complaint
- Long runs on Fiber Optics
- Connected with UTP / RJ45
- Variety of FO connector options
- Cost-effective



Part Number	Description
6210035	10/100BaseTX to 100BaseFX Singlemode SC 20Km
6210130	10/100BaseTX to 100BaseFX Multimode ST
6210140	10/100BaseTX to 100BaseFX Multimode SC
6210165	1000BaseT to 1000BaseSX Multimode SC (TX 850nm)
6210190	1000BaseT to 1000BaseLX Singlemode SC 10 Km (TX 1310nm)
6210195	1000BaseT to 1000BaseLX Singlemode SC 20 Km (TX 1310nm)
6210205	10/100/1000BaseT to 1000BaseLX (SC, singlemode, 30 KM)
6210280	10/100/1000BaseT to 1000BaseSX, MM, SC (TX-850nm) w/Jumbo Frame
6210281	10/100/1000BaseT to 1000BaseLX, SM 10 km, SC, (TX 1310nm) w/Jumbo Frame
6210282	10/100/1000BaseT to 1000BaseLX, SM 20 km, SC, (TX 1310nm) w/Jumbo Frame
6210283	10/100/1000BaseT to 1000BaseLX, SM 30 km, SC, (TX 1550nm) w/Jumbo Frame
6210284	10/100/1000BaseT to 1000BaseLX, SM 40 km, SC, (TX 1550nm) w/Jumbo Frame
6210285	10/100/1000BaseT to 1000BaseLX, SM 60 km, SC, (TX 1550nm) w/Jumbo Frame
6210286	10/100/1000BaseT to 1000BaseSX, MM, LC, (TX 850nm) w/Jumbo Frame
6210287	10/100/1000BaseT to 1000BaseLX, SM 10 km, LC, (TX 1310nm) w/Jumbo Frame
6210288	10/100/1000BaseT to 1000BaseLX, SM 20 km, LC, (TX 1310nm) w/Jumbo Frame

LAN SWITCHES

From Ethernet to Gigabit Ethernet

- Smart Plug & Play
- VLAN Switches
- QoS, STP, RMON, SMTP
- Full 3-Year Warranty
- Auto-voltage 90 to 240 VAC
- 50-60 Hz power supplies





6030508



6030128



6030124

Part Number	Description
6030116	16-port 10/100 Auto-Negotiation Switch Rack Mountable
6030124	24-port 10/100 Auto-Negotiation Switch Rack Mountable
6030128	8-port Switch Stand Alone
6030508	8-port Gigabit Switch

KVM SWITCHES AND CABLES

- KVM = Keyboard, Video, Mouse Commuter.
- Easy to install, compact.
- Up to 4 Servers management
- Easy to use Push to Switch control
- Connections oriented Plug & Play
- Optional DC power supply
- Optional KVM cables



60300501



60300502



6300180

Part Number	Description
6300501	4-port Slim Desktop PS/2 KVM Switch w/ Audio and Mic (cables included)
6300502	4-port Slim Palmtop USB KVM Switch w/ Audio & Mic (cables included)
6300510	8-port PS/2 19" Rack mountable / Cascade KVM switch with OSD (no cables)
6300515	8-port 19" Rack mount USB PS/2 KVM Switch w/Front panel buttons and Keyboard Hotkey Control (no cables)
6300520	8-port PS/2 19" Rack-mountable KVM switch in metal enclosure (no cables)
6300530	8-port USB - PS/2 19" Rack-mountable / Cascade KVM switch with OSD Front panel buttons and Keyboard Hotkey Control (no cables)
6300180	KVM Cable - 1.8meter (for 6300515 and 6300530)
6300300	KVM Cable - 3 meter (for 6300515 and 6300530)
6305120	KVM Cable - 1.2 meters (for 6300510 and 6300520)
6305180	KVM Cable - 1.8 meters (for 6300510 and 6300520)
6305300	KVM Cable - 3 meters (for 6300510 and 6300520)

WIRELESS EQUIPMENT

NEWLINK wireless equipment is designed following the IEEE802.11 guidelines and specifications. WiFi applications include:

- Airports
- Hotels
- Cyber Cafe
- Restaurants
- Points-of-Sale
- Schools
- Home / Office
- Warehouses



6040101



6040120

Part Number	Description
6040101	Wireless 802.11N Router 300m w/2 Antenna and 4 RJ45
6040120	USB Wireless High Power Adapter

CAT-3 SOLUTIONS

Cabling systems for Voice-Grade applications fitting ANSI/TIA/EIA Category 3 standards.

- Applications up to 16 MHz
- Telephony cabling
- PBX, Fax and Modem services
- Cost-effective
- CAT-3 UTP Cables
- CAT-3 Jacks and Plugs
- CAT-3 S66 Punch Down Blocks



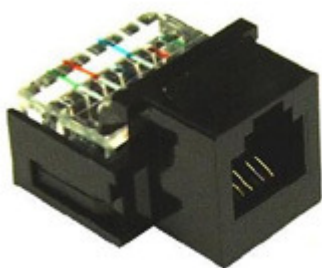
9803041



9803048



9803049



3584517



2590051

Part Number	Description
CAT-3 UTP CABLES	
9803041	UTP 2-Pair Category-3 PVC 1,000ft GRAY (*)
9803042	UTP 4-Pair Category-3 PVC 1,000ft GRAY (*)
9803045	UTP 3-Pair Category-3 PVC 1,000ft BEIGE (*)
9803046	UTP 6-Pair Category-3 PVC 1,000ft BEIGE (*)
9803047	UTP 12-Pair Category-3 PVC 1,000ft GRAY (*)
9803048	UTP 25-Pair Category-3 PVC 1,000ft GRAY (*)
9803049	UTP 50-Pair Category-3 PVC 1,000ft GRAY (*)
9803050	UTP 100-Pair Category-3 PVC 1,000ft GRAY (*)
9803641	2-pair Cat-3 UTP outdoor, 0.49mm no gel (1,000ft)
9803642	4-pair Cat-3 UTP outdoor, 0.49mm no gel (1,000ft)
9803646	6-pair Cat-3 UTP outdoor, 0.49mm no gel (1,000ft)
9803647	12-pair Cat-3 UTP outdoor, 0.49mm no gel (1,000ft)
9803648	25-pair Cat-3 UTP outdoor, 0.49mm no gel (1,000ft)
9803649	50-pair Cat-3 UTP outdoor, 0.49mm no gel (1,000ft)
9803650	100-pair Cat-3 UTP outdoor, 0.49mm no gel (1,000ft)
CAT-3 JACKS & PLUGS	
3584511	RJ11 Jack Snap Cat-3 WHITE
3584512	RJ11 - RJ14 Modular Plug 6P4C Round Solid (1,000 pack)
3584513	RJ11 - RJ14 Modular Plug 6P4C Flat Solid (1,000 pack)
3584514	Handset Plug 4P4C Flat Stranded (1,000 pack)
3584517	RJ11 Jack Snap Cat-3 BLACK
CAT-3 S66 PUNCH DOWN BLOCKS	
2590051	S66 Punch Down Block 50 Pairs + Connecting Block Base

CAT-5E SOLUTIONS

ANSI/TIA/EIA-568 Category 5E products allow using all of the high-bandwidth demanding applications to the desk:

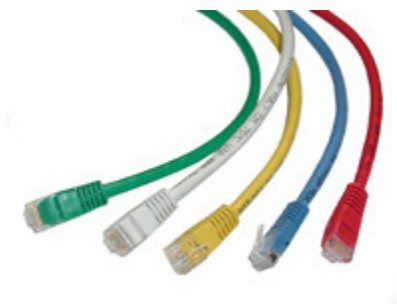
- 10BASE-T
- 100BASE-TX
- 100BASE-T4
- 1000BASE-T GIGABIT Ethernet
- ATM-25, 51, 155
- Tested up to 350 MHz
- Guaranteed +ACR beyond 200 MHz
- Extra NEXT headroom
- Cost-effective choice



- CAT-5E UTP Cables
- Patch Cords
- Patch Panels
- Jacks, Plugs, Boots
- Punch Down Blocks and Connecting Blocks



9805042



15801XX



3584501



9805041



15100YW



2594522



2594558



2590100



2590103

Part Number	Description
CAT-5E UTP AND STP CABLES	
9805041	Cat-5e UTP CERTIFIED 4 pair PVC CMR 1,000ft Gray
9805042	Cat-5e UTP CERTIFIED 4 pair PVC CMR 1,000ft Blue
9805051	Cat-5e STP CERTIFIED 4 pair PVC CMR 1,000ft Box Gray
9805061	OUTDOOR Cat-5e UTP CERTIFIED 4 pair gel filled 1,000ft black
9805941	Cat-5e UTP CERTIFIED 4 pair PVC CM 1,000ft Gray
9805942	Cat-5e UTP CERTIFIED 4 pair PVC CM 1,000ft Blue
CAT-5E PATCH PANELS	
2594522	Wall mount Patch Panel Cat-5e UTP 12-Port RJ45 - Deluxe version
2594534	Rack mount Patch Panel Cat-5e UTP 24-Port RJ45 - Deluxe version
2594558	Rack mount Patch Panel Cat-5e UTP 48-Port RJ45 - Deluxe version
CAT-5E PATCH CORDS	
1ft = 0.305mts, 2ft = 0.61mts, 3ft = 0.915mts, 7ft = 2.134mts, 10ft = 3.048mts	
15801BL	Patch cord Cat-5e 50um Gold Blue 1 ft
15801GN	Patch cord Cat-5e 50um Gold Green 1 ft
15801GY	Patch cord Cat-5e 50um Gold Gray 1 ft
15801RD	Patch cord Cat-5e 50um Gold Red 1 ft
15801YW	Patch cord Cat-5e 50um Gold Yellow 1 ft
15802BL	Patch cord Cat-5e 50um Gold Blue 2 ft
15802GN	Patch cord Cat-5e 50um Gold Green 2 ft
15802GY	Patch cord Cat-5e 50um Gold Gray 2 ft
15802RD	Patch cord Cat-5e 50um Gold Red 2 ft
15802YW	Patch cord Cat-5e 50um Gold Yellow 2 ft
15803BL	Patch cord Cat-5e 50um Gold Blue 3 ft
15803GN	Patch cord Cat-5e 50um Gold Green 3 ft
15803GY	Patch cord Cat-5e 50um Gold Gray 3 ft

15803RD	Patch cord Cat-5e 50um Gold Red 3 ft
15803YW	Patch cord Cat-5e 50um Gold Yellow 3 ft
15807BL	Patch cord Cat-5e 50um Gold Blue 7 ft
15807GN	Patch cord Cat-5e 50um Gold Green 7 ft
15807GY	Patch cord Cat-5e 50um Gold Gray 7 ft
15807RD	Patch cord Cat-5e 50um Gold Red 7 ft
15807YW	Patch cord Cat-5e 50um Gold Yellow 7 ft
15810BL	Patch cord Cat-5e 50um Gold Blue 10 ft
15810GN	Patch cord Cat-5e 50um Gold Green 10 ft
15810GY	Patch cord Cat-5e 50um Gold Gray 10 ft
15810RD	Patch cord Cat-5e 50um Gold Red 10 ft
15810YW	Patch cord Cat-5e 50um Gold Yellow 10 ft

CAT-5E JACKS, PLUGS, BOOTS

CAT-5E JACKS

3084507	RJ45-110 Jack Snap Cat-5e GREEN
3084528	RJ45-110 Jack Snap Cat-5e IVORY
3584505	RJ45-110 Jack Snap Cat-5e ORANGE
3584507	RJ45-110 Jack Snap Cat-5e GREEN
3584510	RJ45-110 Jack Snap Cat-5e BLACK
3584528	RJ45-110 Jack Snap Cat-5e IVORY
3500005	RJ45-110 Jack Snap Cat-5e 50um gold ORANGE
3500006	RJ45-110 Jack Snap Cat-5e 50um gold BLUE
3500007	RJ45-110 Jack Snap Cat-5e 50um gold GREEN
3500008	RJ45-110 Jack Snap Cat-5e 50um gold WHITE
3500009	RJ45-110 Jack Snap Cat-5e 50um gold RED
3500010	RJ45-110 Jack Snap Cat-5e 50um gold BLACK
3500015	RJ45-110 Jack Snap Cat-5e 50um gold YELLOW
3500028	RJ45-110 Jack Snap Cat-5e 50um gold IVORY

CAT-5E - DELUXE JACKS

3555004	Cat-5e RJ45-110 Jack Snap Deluxe 50um gold GRAY
3555005	Cat-5e RJ45-110 Jack Snap Deluxe 50um gold ORANGE
3555006	Cat-5e RJ45-110 Jack Snap Deluxe 50um gold BLUE
3555007	Cat-5e RJ45-110 Jack Snap Deluxe 50um gold GREEN
3555008	Cat-5e RJ45-110 Jack Snap Deluxe 50um gold WHITE
3555009	Cat-5e RJ45-110 Jack Snap Deluxe 50um gold RED
3555010	Cat-5e RJ45-110 Jack Snap Deluxe 50um gold BLACK
3555015	Cat-5e RJ45-110 Jack Snap Deluxe 50um gold YELLOW

3555028	Cat-5e RJ45-110 Jack Snap Deluxe 50um gold IVORY
<u>CAT-5E - PLUGS</u>	
3584500	RJ45 8-Wire Cat-5e/Cat 6 Plug (1,000-pack)
3584501	RJ45 8-Wire Cat-5e Shielded Plug Solid 50um (100-pack)
<u>CAT-5E - BOOTS</u>	
15100BL	RJ45 plug Boots 100pack Blue
15100GN	RJ45 plug Boots 100pack Green
15100RD	RJ45 plug Boots 100pack Red
15100GY	RJ45 plug Boots 100pack Gray
15100YW	RJ45 plug Boots 100pack Yellow
CAT-5e PUNCH DOWN BLOCKS & CONNECTING BLOCKS	
2590100	Punch Down Block 100-Pair S110 with legs Cat-5e
2590103	(C-3) Connecting Block 3-Pair (2590100 only) 10-pack
2590104	(C-4) Connecting Block 4-Pair (2590100 only) 10-pack
2590105	(C-5) Connecting Block 5-Pair (2590100 only) 10-pack
2591101	Rack Mountable 110 Field Panel 19" for rack or cabinets, 100-Pair Block Kits
2591102	Rack Mountable 110 Field Panel 19" for rack or cabinets, 200-Pair Block Kits Includes: 110 Connecting Clips 40pcs of C4 Pairs and 8pcs of C5 Pairs, Holders and Accessories. Cat-5e

CAT-6 AND CAT-6A SOLUTIONS

Our ANSI/TIA/EIA Cat-6 and Cat-6A family of products brings extra headroom for future applications. If you are installing today thinking in better performance and longer life cycle, CAT6 and 6A Solutions are the answer.

- 650 MHz TESTED Cables
- 25-year NEWMAX Warranty Program
- Newlink offers Cat-6 and 6A UTP cables, jacks, patch panels, patch cords, and connecting blocks



16601XX



3667708



9807001



9807002



2798848

Part Number	Description
CAT-6 and CAT-6A UTP AND STP CABLES	
9806141	Cat-6 UTP CERTIFIED 4-pair 23AWG CMR 1,000 ft Box Gray
9806142	Cat-6 UTP CERTIFIED 4-pair 23AWG CMR 1,000 ft Box Blue
9806151	Cat-6 STP CERTIFIED 4-pair 23AWG CMR 1,000 ft Box Gray
9806161	OUTDOOR CAT-6 UTP CERTIFIED 4-pair gel filled 1,000ft Black
9806182	Cat-6 UTP CERTIFIED 4-pair STRANDED 1,000 ft Blue
9807001	Cat-6A 10G UTP CERTIFIED 4-pair 23AWG 1,000ft Reel Gray
9807002	Cat-6A 10G UTP CERTIFIED 4-pair 23AWG 1,000ft Reel Blue
CAT-6A PATCH PANELS	
2798824	Rack mount Patch Panel Cat-6A UTP 24-Port RJ45 - Deluxe version
2798848	Rack mount Patch Panel Cat-6A UTP 48-Port RJ45 - Deluxe version
CAT-6A PATCH CORDS	
1ft = 0.305mts, 2ft = 0.61mts, 3ft = 0.915mts, 7ft = 2.134mts, 10ft = 3.048mts	
16601BL	Patch Cord Cat-6A 50um Gold Blue 1 ft
16601GY	Patch Cord Cat-6A 50um Gold Gray 1 ft
16601RD	Patch Cord Cat-6A 50um Gold Red 1 ft
16601YW	Patch Cord Cat-6A 50um Gold Yellow 1 ft
16602BL	Patch Cord Cat-6A 50m Gold Blue 2 ft
16602GY	Patch Cord Cat-6A 50um Gold Gray 2 ft
16602RD	Patch Cord Cat-6A 50um Gold Red 2 ft
16602YW	Patch Cord Cat-6A 50um Gold Yellow 2 ft
16603BL	Patch Cord Cat-6A 50um Gold Blue 3 ft
16603GY	Patch Cord Cat-6A 50um Gold Gray 3 ft

16603RD	Patch Cord Cat-6A 50um Gold Red 3 ft
16603YW	Patch Cord Cat-6A 50um Gold Yellow 3 ft
16607BL	Patch Cord Cat-6A 50um Gold Blue 7 ft
16607GY	Patch Cord Cat-6A 50um Gold Gray 7 ft
16607RD	Patch Cord Cat-6A 50um Gold Red 7 ft
16607YW	Patch Cord Cat-6A 50um Gold Yellow 7 ft
16610BL	Patch Cord Cat-6A 50um Gold Blue 10 ft
16610GY	Patch Cord Cat-6A 50um Gold Gray 10 ft
16610RD	Patch Cord Cat-6A 50um Gold Red 10 ft
16610YW	Patch Cord Cat-6A 50um Gold Yellow 10 ft
CAT-6A JACKS	
3667704	Cat-6A Keystone Jack T568A/B Gray
3667705	Cat-6A Keystone Jack T568A/B Orange
3667706	Cat-6A Keystone Jack T568A/B Blue
3667707	Cat-6A Keystone Jack T568A/B Green
3667708	Cat-6A Keystone Jack T568A/B White
3667709	Cat-6A Keystone Jack T568A/B Red
3667715	Cat-6A Keystone Jack T568A/B Yellow
3667728	Cat-6A Keystone Jack T68A/B Ivory
CAT-6 CONNECTING BLOCKS	
2690100	Category 6, 96-pairs 110 wiring Block base with legs
2690104	Category 6, 4-pair clips (10-pack)

COAXIAL SOLUTIONS

Coaxial cable is used as a transmission line for radio frequency signals. Its applications include feedlines connecting radio transmitters and receivers with their antennas, computer network (Internet) connections, and distributing cable television signals.



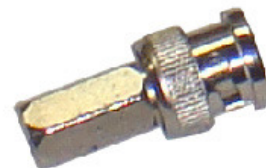
3585532



3585535



3585531



3585536



98RG602



3585800

Part Number	Description
3585531	F TYPE RG6U Crimp Plug, zinc 100-pack
3585532	F TYPE RG6U Male twist 20mm, zinc 100-pack
3585535	BNC RG6U Crimp Male plug , zinc 100-pack
3585536	BNC RG6U Crimp Twist, zinc 100-pack
3585540	RG6 F-Type Coupler (minimum order 100)
3585545	RG6-Jack F-Type and White Wallplate (minimum order 100)
3585724	RG6 Patch Panel 24 Ports - Loaded
3585800	RG6/RG59/RG62 Crimping Tool
98RG580	RG58 Coaxial Cable 0.81mm BC + 2.95 SPE (1,000ft)
98RG590	RG59 Coaxial Cable 0.81mm BC + 3.67mm FOAM PE (1,000ft)
98RG591	RG59 Siamese Coaxial Cable 0.81mm CCA 90% White - (500ft)
98RG602	RG6 75 ohm Coaxial Cable - 60% Braid FR PVC Black Jacket (1,000ft)

FIBER OPTIC SOLUTIONS

Newlink offers a wide variety of fiber optic cables, connectors, strips, fiber optic boxes, patch cords, and termination tools and kits.

Fiber Optics Advantages for networking cabling systems:

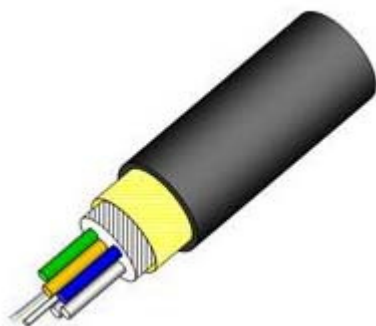
- Longer distances
- Larger bandwidths
- Zero EMI/RFI interferences
- Isolates ground-loop issues
- Longer life cycle



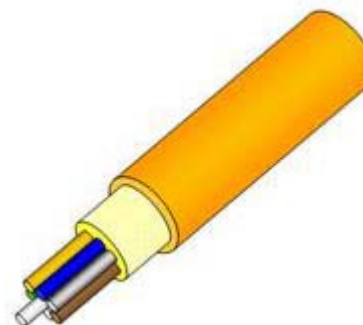
ADSS



ARMORED



LOOSE TUBE



TIGHT BUFFER



312167M



321176M



321175M



312168M



340088S



Fiber Optic Patch Cords



2681120



2670048

Part Number	Description
9411004	4-Fiber Loose Tube Singlemode Outdoor
9411006	6-Fiber Loose Tube Singlemode Outdoor
9411012	12-Fiber Loose Tube Singlemode Outdoor
9411024	24-Fiber Loose Tube Singlemode Outdoor
9411048	48-Fiber Loose Tube Singlemode Outdoor
9411072	72-Fiber Loose Tube Singlemode Outdoor
9411096	96-Fiber Loose Tube Singlemode Outdoor
9411144	144-Fiber Loose Tube Singlemode Outdoor
9430004	4-Fiber Loose Tube Singlemode Outdoor Armored
9430006	6-Fiber Loose Tube Singlemode Outdoor Armored
9430012	12-Fiber Loose Tube Singlemode Outdoor Armored
9430024	24-Fiber Loose Tube Singlemode Outdoor Armored
9430048	48-Fiber Loose Tube Singlemode Outdoor Armored
9430096	96-Fiber Loose Tube Singlemode Outdoor Armored
9440006	6-Fiber ADSS Singlemode Span= 100 meters
9440012	12-Fiber ADSS Singlemode Span= 100 meters
9440024	24-Fiber ADSS Singlemode Span= 100 meters

9440048	48-Fiber ADSS Singlemode Span= 100 meters
9445006	6-Fiber ADSS Singlemode Span= 60 meters
9445012	12-Fiber ADSS Singlemode Span = 60 meters
9445024	24-Fiber ADSS Singlemode Span = 60 meters
9445048	48-Fiber ADSS Singlemode Span = 60 meters
9468004	4-Fiber Loose Tube Multimode 62.5/125um Outdoor
9468006	6-Fiber Loose Tube Multimode 62.5/125um Outdoor
9468012	12-Fiber Loose Tube Multimode 62.5/125um Outdoor
9468024	24-Fiber Loose Tube Multimode 62.5/125um Outdoor
9469004	4-Fiber Loose Tube Multimode 50/125um Outdoor
9469006	6-Fiber Loose Tube Multimode 50/125um Outdoor
9469012	12-Fiber Loose Tube Multimode 50/125um Outdoor
9469024	24-Fiber Loose Tube Multimode 50/125um Outdoor
9488004	4-Fiber Loose Tube Multimode 62.5/125um Outdoor Armored
9488006	6-Fiber Loose Tube Multimode 62.5/125um Outdoor Armored
9488012	12-Fiber Loose Tube Multimode 62.5/125um Outdoor Armored
9488024	24-Fiber Loose Tube Multimode 62.5/125um Outdoor Armored
9489004	4-Fiber Loose Tube Multimode 50/125um Outdoor Armored
9489006	6-Fiber Loose Tube Multimode 50/125um Outdoor Armored
9489012	12-Fiber Loose Tube Multimode 50/125um Outdoor Armored
9489024	24-Fiber Loose Tube Multimode 50/125um Outdoor Armored
9530004	4 Fiber Tight-buffer Multimode 62.5/125um Indoor
9530006	6 Fiber Tight-buffer Multimode 62.5/125um Indoor
9531004	4 Fiber Tight-buffer Multimode 50/125um Indoor
9531006	6 Fiber Tight-buffer Multimode 50/125um Indoor
9531006	6 Fiber Tight-buffer Multimode 50/125um Indoor
9590002	Zip Cord 2-Fiber Tight Buffer Multimode 62.5/125 um
9591002	Zip Cord 2-Fiber Tight Buffer Multimode 50/125 um
9592002	Zip Cord 2-Fiber Tight Buffer Singlemode 8.2/125 um
FIBER OPTIC DISTRIBUTION BOXES AND ACCESSORIES	
2670024	Rack mount Fiber Box 24-ports ST Ready (2 x 12 Unloaded ST plates). Comes with Splice Kit Tray
2670048	Rack mount Fiber Box 48-ports ST Ready (4 x 12 Unloaded ST plates). Comes with Splice Kit Tray
2681120	Wall mount Fiber Box 24 port wth 4/6 unloaded ST-ST plates) , 2 front doors w/ lock , 1 splice Tray Kit . NO SC OPTION AVAILABLE
2681124	24 Port Wall mount Fiber Box ST Ready. For SC add 28900xx

2890010	12-port SC plate (loaded) for 2670024 , 2670048 and 2681124
2890020	12-port LC plate (loaded) for 2670024 , 2670048 and 2681124
2890030	12-port FC plate (loaded) for 2670024 , 2670048 and 2681124
FIBER OPTIC CONNECTORS AND COUPLERS	
3580001	ST-ST Coupler Simplex
3580002	SC-SC Coupler Simplex
3580012	SC-SC Coupler Duplex
3580013	ST-SC Coupler Duplex
312167M	ST Connector Multimode Simplex Ceramic
312168M	ST Connector Singlemode Simplex Ceramic
321175M	SC Connector Multimode Simplex
321176M	SC Connector Singlemode Simplex (While supplies Last)
340088S	LC Connector Singlemode Simplex Ceramic
340187M	LC Connector Multimode Simplex Ceramic

FIBER OPTIC PATCH CORDS – PART NUMBERS' CHART

A	B	C	D	E	F	G
See chart below			MM / SM	Length in meters		D=Duplex S=Simplex
			1=MM 62.5um 2=MM 50um OM2 3=SM 5=MM 50um OM3			
<u>ABC</u>						
	ST	SC	LC	FC	MTRJ	SC/APC
ST	100	101	102	103	104	105
SC	101	110	111	112	113	114
LC	102	111	120	121	122	123
FC	103	112	121	130	131	132
MTRJ	104	113	122	131	140	141
SC/APC	105	114	123	132	141	150
Pigtails	109	119	129	139	149	159
EXAMPLES: NEW-100101D Patch Cord ST-ST MM 62.5UM Duplex 1mt NEW-139304S Pigtail FC SM Simplex 4 mts						

WALL PLATES AND SURFACE BOXES

With our elegant line of faceplates and outlet boxes your installation will be completed professionally and in compliance with the TIA/EIA 569A standard for the Work Area.

NEWLINK flat-style wall plates combine high capacity with aesthetics. They offer a fresh look to match today's technologies. Available in single-snap 1, 2, 3, 4, and 6 ports, white and ivory. Surface boxes are perfect for installations where the Work Area outlet cannot be recessed into a wall or floor box. Available in white and ivory, 1 and 2 ports.



4000002



4000047



4000055



4000022



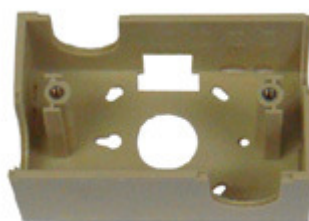
4000044



4000102



4000101



4000015



4000005

Part Number	Description
4000001	Wall Plate 1-port Single Snap White
4000002	Wall Plate 2-ports Single Snap White
4000003	Wall Plate 3-ports Single Snap White
4000004	Wall Plate 4-ports Single Snap White
4000005	Surface Mount Box White
4000006	Wall Plate 6-ports Single Snap White
4000012	Blank Insert White (use with 4000001,2,33,34 ,36,44,45,47)
4000013	Blank Insert Ivory (use with 4000021,22,23,24,25)
4000015	Surface Mount Box Ivory
4000021	Wall Plate 1-port Single Snap Ivory
4000022	Wall Plate 2-ports Single Snap Ivory
4000023	Wall Plate 3-ports Single Snap Ivory
4000024	Wall Plate 4-Ports Single Snap Ivory
4000026	Wall Plate 6-ports Single Snap Ivory
4000044	Wallplate only 45-degree 1 RJ45 White
4000045	Wallplate only 45-degree 2RJ45 White
4000047	Wallplate only 45-degree 4RJ45 White
4000054	Wallplate only 45-degree 1 RJ45 Ivory
4000055	Wallplate only 45-degree 2RJ45 Ivory
4000101	Surface Jack Box 1-Port White (use with 35000xx, 366xxxx)
4000102	Surface Jack Box 2-Port White (use with 35000xx, 366xxxx)
4000104	Surface Jack Box 4-port White (use with 35000xx, 366xxxx)
4000201	Surface Jack Box 1-Port Ivory (use with 35000xx, 366xxxx)
4000202	Surface Jack Box 2-Port Ivory (use with 35000xx, 366xxxx)

RACKS AND CABINETS

NEWLINK offers a comprehensive line of racks and cabinets for the Telecommunications industry.

Our racks meet the EIA-310D spacing standard specifications and follow the TIA-569A standard guidelines.

NEWLINK provides wall mount cabinets for equipment protection and proper cabling termination. They reduce floor space requirements and are the best option for over crowded offices and telecommunications rooms.

Our Free Standing Cabinets are designed to provide protection to your telecommunications equipment.



0843010



0842031



0841236



0978501



0934015



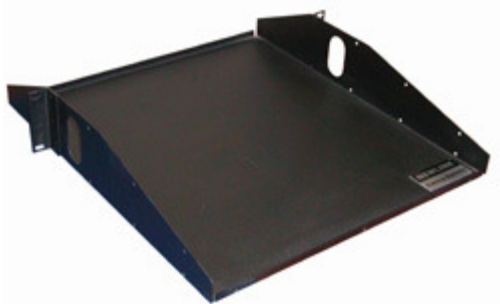
0924218

Part Number	Description
0841236	Wall mount Rack 36" x 20" x 18"
0842010	42RU Steel Rack 78" x 19" Black (while supplies last)
0842015	45RU Rack Aluminum 7' x 19" Aluminum Color
0842016	45RU Rack Aluminum 7' x 19" Black Powder Coated
0842031	Rack Steel 7' x 19" 45UR Black (square holes) (Do not use this rack with Vertical Wire Brackets 03350XX)
0842035	Rack Steel 7' x 19" 45UR Black (threaded holes)
0843010	45RU 4-Post Adjustable Rack 7' x 27" or 32" Depth Black Powder Coated
CABINETS AND FANS	
0912020	12" (6RU) Wall mount Enclosure Glass Door, Side Panels and fan included
0918030	18" (9RU) Wall mount Enclosure Glass Door, Side Panels and fan included
0924218	24" (12UR) Wall mount Enclosure Glass Door, Side Panels and fan included
0934015	30" (15UR) Wall mount Enclosure Glass Door and fan included
0951027	51" (27UR) Wall mount Enclosure, Front Glass Door and fan included
0978301	78" (42UR) Cabinet, Glass Door (2 fans, 1 power strip included)
0978501	78" (42UR) Cabinet Vented Front/Back Doors, extra depth 42.13" 2 fans /1 Power Strip
0978501	78" (42UR) Cabinet Ventilated Front/Back Doors, extra depth 42.13" 2 fans/1 Power Strip
0990004	19" Fan Tray (3-4" Fans (240 CFM)) To install in any 19" floor cabinet
SERIES 300 CABINETS - UNASSEMBLED	
0924300	24" (12UR) Wall mount Glass Door Unassembled-No Back Door
0951300	51" (27UR) Wall mount Glass Door Unassembled
0978300	78" (42UR) Cabinet, Glass Door Unassembled (2 fans, 2 power strip included)

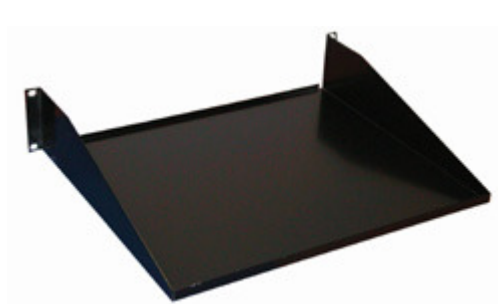
RACKS AND CABINETS' ACCESSORIES

NEWLINK provides a variety of accessories to help you keep your telecommunications room in perfect conditions.

- Shelves
- Cable Organizers
- Power Supplies
- Wall Mount Brackets



0191452



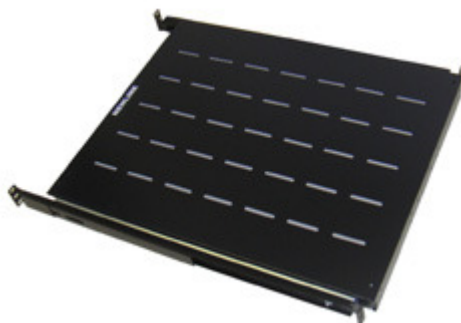
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0191454



0191518



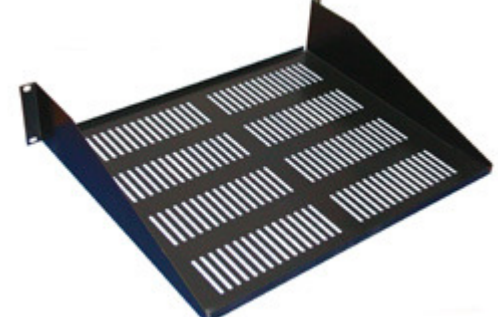
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0191510



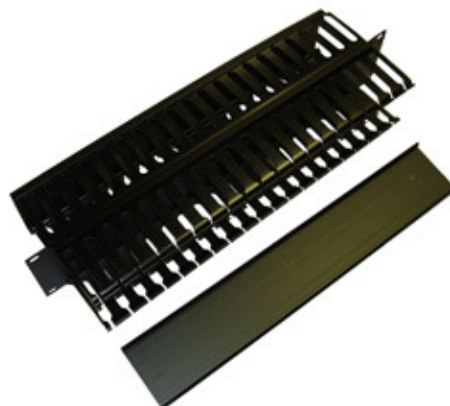
0191511



0191512



0201021



0201022



0301001



0205002



0165000



0335040



0455040



0516208

Part Number	Description
0445020	2-position Wall Mount Bracket 12" Panel Depth
0445030	3-position Wall Mount Bracket 12" Panel Depth
0455040	4-position Wall Mount Bracket 12" Panel Depth
0165000	Vertical Cable Hanger 1-Hook 3.75" x 3.75"
0191446	19" Sliding Keyboard/ Shelf and Mouse Pad
0191447	19" Sliding Keyboard/Shelf
0191451	19" Sliding Vented Shelf 4-point mounting 24" Depth 120 lbs
0191452	19" Solid Center Weight Rack Shelf 19" Depth 60 lbs
0191453	19" Solid Cantilevered Weight Rack Shelf 14" Depth 50lbs
0191454	19" Vented Shelf 4-point mounting 30" Depth 200 lbs
0191461	19" Sliding Vented Shelf 22" Depth 77lbs
0191510	19" 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 Cantilevered Vented Shelf 18" Depth 75 lbs
0201021	Horizontal 2U-1 Side Duct Panel with Cover 3.5" x 19"
0201022	Horizontal 2U-2 Side Duct Panel with Cover 3.5" x 19"
0205002	Horizontal Cable Organizer 5-Rings 1U Rack
0205003	Horizontal Cable Organizer 5-Rings 1U Rack (2-pack)
0301001	2-pack Horizontal 1U-1 Side Duct Panel with Cover 1.75" x 19"
0335010	Vertical Wire Bracket 1-Side
0335020	Vertical Wire Bracket 2-Side
0335040	Vertical Wire Bracket 2-Side (joins to racks side by side)
0516113	10-Outlet Power Strip Rack mount with thermal protector
0516120	20-Outlet Power Strip Vertical 15AMP 125V Surge suppressor
0516208	8-Outlet Power Strip Rack Mount with thermal protector
0617519	Filler Panel 1-U
0635019	Filler Panel 2-U
0652519	Filler Panel 3-U (this item includes 2 panels)

RACEWAYS AND ACCESSORIES

NEWLINK raceways and accessories bring flexibility and capacity for the small-volume required at cable drops.

- Low profile
- Elegant design
- Widths: 19mm and 32mm (3/4" and 1-1/4")
- Ivory and White color
- Fire retardant 94V-0 PVC
- TIA/EIA 569A bending and radii
- Adhesive-backed for easy mounting



Raceways



7603403



7911342



7003402



7203402



7603402



7403402



7703412



7503402

Part Number	Description
7003402	Splice Cover $\frac{3}{4}$ " White
7003408	Splice Cover $\frac{3}{4}$ " Ivory
7003412	Tee Cover $\frac{3}{4}$ " 1" Bend White
7003418	Tee Cover $\frac{3}{4}$ " 1" Bend Ivory
7011402	Splice Cover 1 $\frac{1}{4}$ " White
7011408	Splice Cover 1 $\frac{1}{4}$ " Ivory

7011412	Tee Cover 1 ¼" 1" Bend White
7011418	Tee Cover 1 ¼" 1" Bend Ivory
7113462	Raceway 1 ¼" x ¾" x 6' White. Factory Adhesive Backing
7113468	Raceway 1 ¼" x ¾" x 6' Ivory. Factory Adhesive Backing
7203402	Ceiling Drop ¾" White
7203408	Ceiling Drop ¾" Ivory
7211402	Ceiling Drop 1 ¼" White
7211408	Ceiling Drop 1 ¼" Ivory
7341262	Raceway ¾" x ½" x 6' White. Factory Adhesive Backing
7341268	Raceway ¾" x ½" x 6' Ivory. Factory Adhesive Backing
7341269	Raceway 1 3/4" x 1" x 6' White , Factory Adhesive Backing
7403402	Elbow Cover ¾ White
7403408	Elbow Cover ¾ Ivory
7411402	Elbow Cover 1 ¼" White
7411408	Elbow Cover 1 ¼" Ivory
7503402	End Cap ¾" White
7503408	End Cap ¾" Ivory
7511402	End Cap 1 ¼" White
7511408	End Cap 1 ¼" Ivory
7603402	External Cover ¾ White
7603403	External Cover ¾" 1" Bend White
7603408	External Cover ¾" Ivory
7611402	External Cover 1 ¼" White
7611408	External Cover 1 ¼" Ivory
7703412	Internal Cover ¾" 1" Bend White
7703418	Internal Cover ¾" 1" Bend Ivory
7711412	Internal Cover 1 ¼" 1" Bend White
7711418	Internal Cover 1 ¼" 1" Bend Ivory
7834102	Junction Box Single Gang White
7834108	Junction Box Single Gang Ivory
7911342	Reducer 1 ¼" to ¾" White
7911348	Reducer 1 ¼" x ¾" Ivory
7912542	Reducer 1 3/4" to 1 ¼" White
7912548	Reducer 1 3/4" to 1 ¼" Ivory

CABLE TIES AND LABELING PRODUCTS

Cable ties allow you to tie and identify bundles of wires and cable in one operation. The Velcro grip tie is a low profile, one-piece fastening device. Constructed of Velcro, polyethylene hook and nylon loop, laminated back to back, the grip tie features quick release for repetitive access. Cable ties will not cause damage to Category 6, 5E or Fiber Optic cables, avoiding over stresses. Nylon and Velcro cable ties available in several colors and lengths.



8204000



8204001



8204029



8212532



8212542



8212502



8212512



8212552



8212522



8303015

Part Number	Description
8212502	Velcro Grip Tie Roll 3/4" x 4.5meters Black
8212512	Velcro Grip Tie Roll 3/4" x 4.5meters Red
8212522	Velcro Grip Tie Roll 3/4" x 4.5meters Blue
8212532	Velcro Grip Tie Roll 3/4" x 4.5meters Orange
8212542	Velcro Grip Tie Roll 3/4" x 4.5meters Green
8212552	Velcro Grip Tie Roll 3/4" x 4.5meters Yellow
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
8204029	Heavy Duty Cable Tie 29" Black 25-pack
8303015	Label Book 190 Data, 111 Phone/Fax

KITS, TOOLS, AND TESTERS

Newlink provides tools and testers for the everyday technician's requirements. Choose the right tool for the right job, for Fiber Optics as well as for UTP cabling.



5010011



5010002



5010003



5290010



5020001



5110001



5290033



5290022



5290055



5290044



5380022



5380044



5380010



5380033



5380066



5380055



5584510



5380088



5380099



5554508



5584508



5584755



5594963



Part Number	Description
5010002	Newlink F.O Consumable Kit (Kit Includes: Alcohol dispenser (1), Syringes (10) Epoxy-packages (5), Flat point needles (10), 5um polishing paper-black (25) 0.3um polishing paper-white (25), Compressed air can (1))
5010003	Fiber Optic Crimp Tool
5010005	Epoxy 2-gram pack (good for 25 - 35 connectors)
5010011	Termination Kit for ST/SC Multimode Connectors - Includes: Buffer Remover Tool, Scribe, Microscope, Scissors, anaerobic adhesive and primer, polishing pad, polishing puck, polishing papers, safety glasses, syringes, needles, wipes and bottles for alcohol and fiber debris. This kit provides enough consumables to install up to 100 connectors. Ask your salesperson about separate singlemode SC/ST and LC kits
5010400	Optical Microscope 200x Hand Held 2.5mm Adapter
5010450	Newlink Pocket Fault Locator with Universal 2.5mm Adapter
5010500	Newlink SC Polish Disc
5010510	Newlink Glass Polish Plate 9"x 13"
5010550	Newlink Carbide Scribe
5010570	Newlink No-Nik Stripper 203um/0.008" Red
5010810	Newlink Polish Film 9 " x 6.5" A/O 1um (25-pack)
5010903	Newlink Polish Film 9"x13" A/O 0.3um White (25-pack)
5010905	Newlink Polish Film 9"x13" S/C 5um Black (25-pack)
5020001	Easy Stripper for UTP/STP Telecom Wire
5110001	Replacement 66/110 blade for 5584510
5290010	Testing Screwdriver
5290022	Spark Detection Screwdriver
5290033	Crystal Line Color Screwdriver Series
5290044	Double Color Insulated Screwdriver Set
5290055	Multifunction Precision Screwdriver Set
5380010	8" Multifunction Pliers
5380022	8" Multifunction Pliers
5380033	Slip Join Pliers
5380044	Cable Cutter
5380055	8" 3 in 1 Multifunction Long Nose Pliers
5380066	6" Side Cutting Pliers
5380077	6" Precision Snap Ring Pliers
5380088	5" Diagonal Cutting Pliers
5380099	5" Mini Pliers (3 pieces)
5554508	Multifunction Modular Plug Crimper

5584508	Modular Crimping Tool
5584510	Punch Down Tool 66/110 Low and High Impact
5584755	Tool Kit (This kit includes: Professional crimping tool with 4pcs dies set, Professional modular plug crimping tool, Punch down tool with 110/66 blades 4.5" diagonal cutting pliers, 7 in 1 wire stripper & wire cutter, Round cable cutter, 7pcs folding type hex key wrench, Coaxial wire stripper Knife, 4.5" long nose pliers, 6pcs electronic screwdriver set, 6pcs cushion-grip nut driver screwdriver set, 5 in 1 precision screwdriver, 2mt/6ft measure tape, Network cable tester
5584965	Fiber Optic Tool Kit (Kit includes: Crimp tool, 4.5" end cutting pliers, Syringe, Scissors, Tweezers, Fiber cutting pen, swabs, Fiber cutting tool, Component plastic box 5" Mini cutting pliers w/ safety clip
5594653	Network Cable Tester RJ45/RJ11 and BNC
5594753	Remote Cable Tester RJ45/RJ11/USB and BNC - 8 leds
5594883	Professional USB/LAN/9 Multi-modular Cable Tester

CABLE TRAYS AND ACCESSORIES

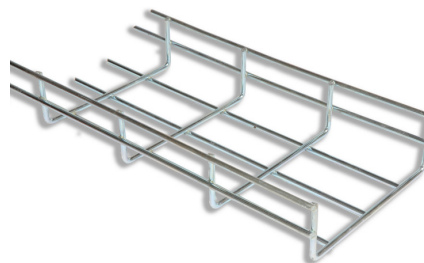
NEWLINK Cable Trays and accessories offer versatility and heavy duty performance when a high volume of cable needs to be supported.

- Convenient Sizes
- Widths: 2", 4", 6", 8", 12"
- Depth: 2"
- Length: 3Mts
- Electro Zinc resistant finish
- NEC Approved

Item Names	Height		Width		Length	Diameter	Weight
	MM	INCH	MM	INCH	M	MM	KG/EACH
8504023	50	2	100	4	3	5	3.77
8506023	50	2	150	6	3	5	4.47
8508023	50	2	200	8	3	5	5.17
8512023	50	2	300	12	3	5	6.57



8508023

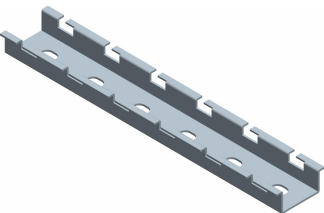
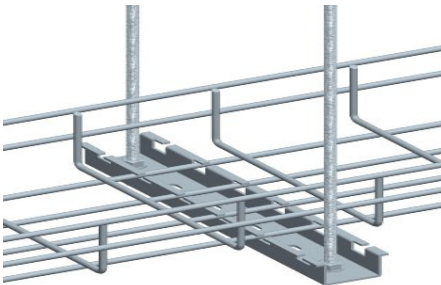
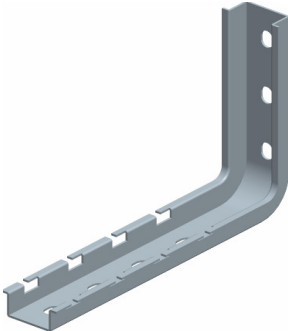
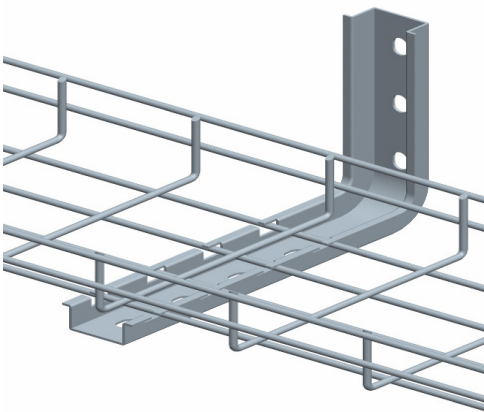


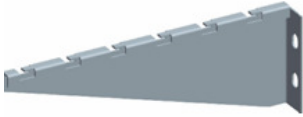
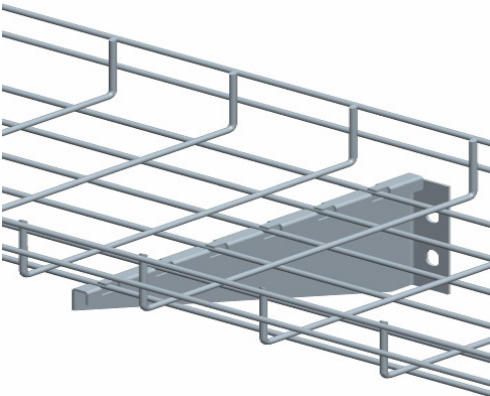
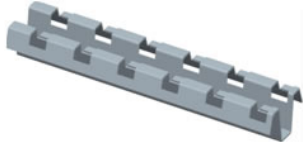
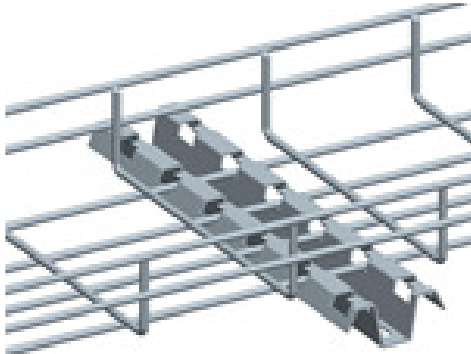
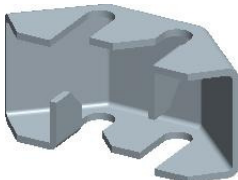
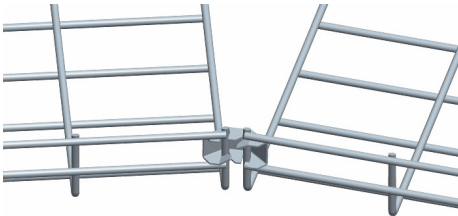
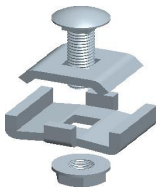
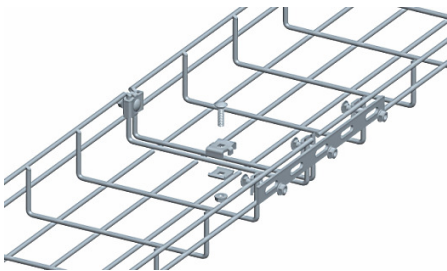
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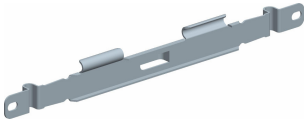
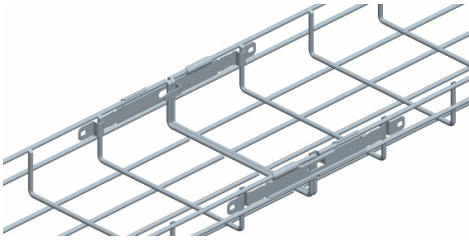
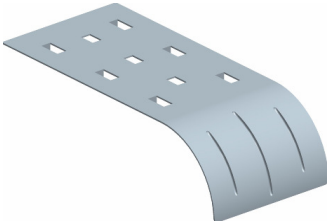
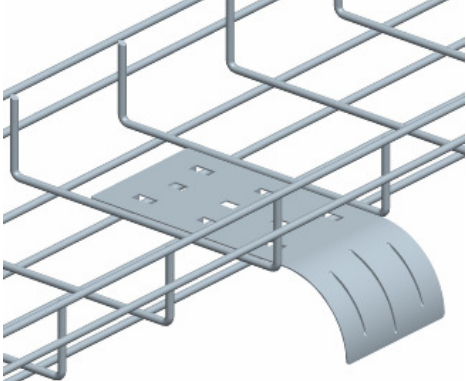
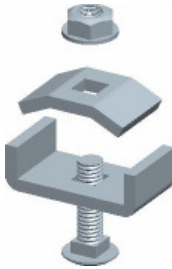
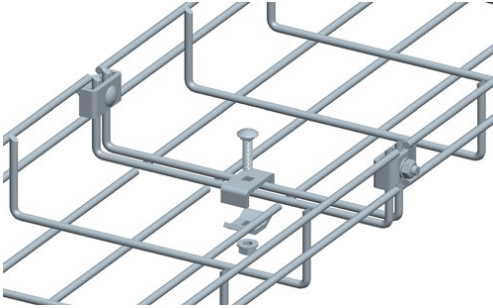
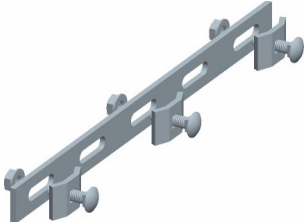
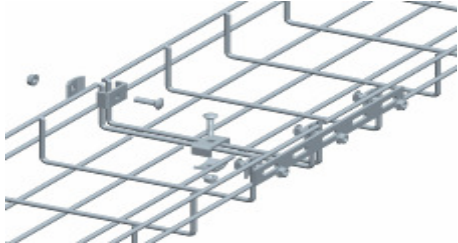
QUICK REFERENCE TABLE FOR CABLE LOADS

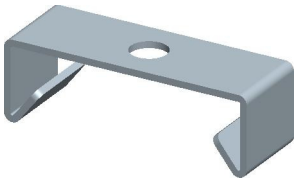
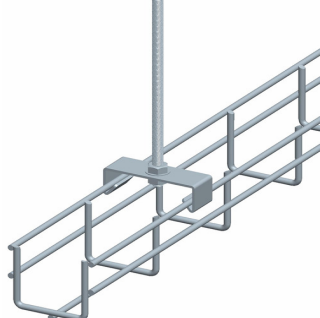
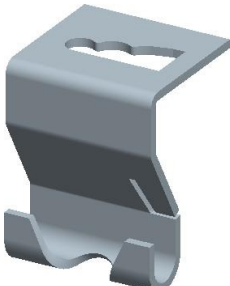
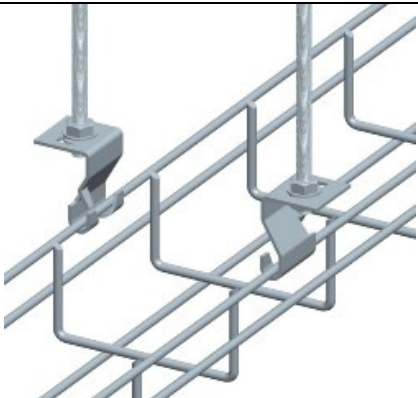
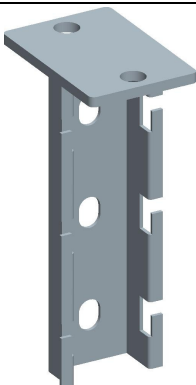
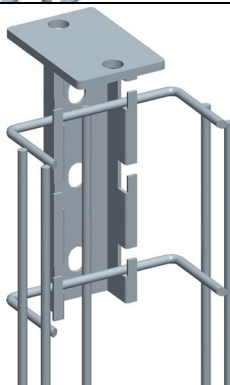
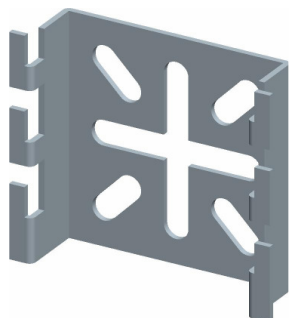
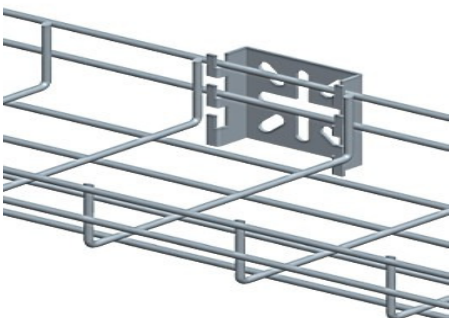
Cable Tray	Fill Area	Loads in lbs/ft per span				Max. number of cables			
		5'	6'	7'	8'	Cat 5e 4-pair Plenum (.17")	Cat 5e 4-pair Non-plenum (.19")	Cat 6e 4-pair Plenum (.22")	Cat 6a 4-pair Non-plenum (.35")
8504023	8.06"	39.4	22.3	16.4	15.9	177	142	106	41
8506023	12.09"	46.5	27.6	20.3	19.1	266	213	159	62
8508023	16.12"	54.2	36.4	26.7	24.7	355	284	212	83
8512023	24.18"	71.6	47.1	34.6	31.7	532	426	318	125

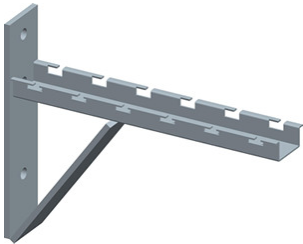
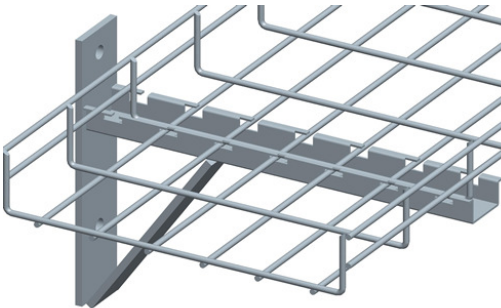
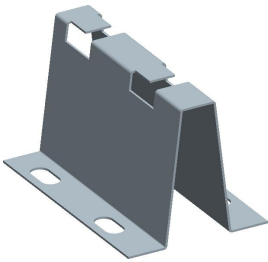
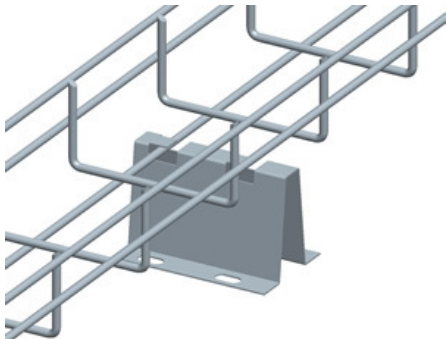
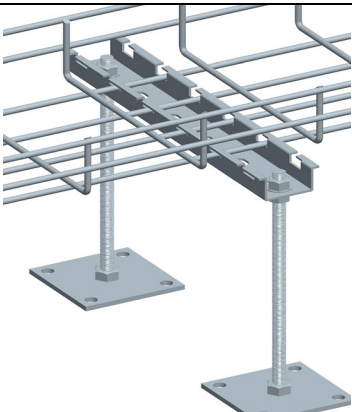
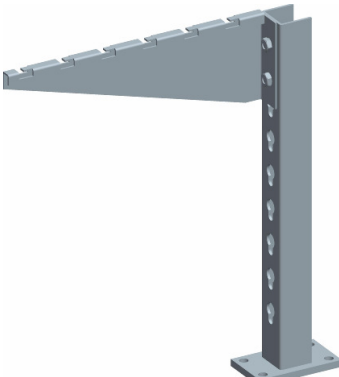
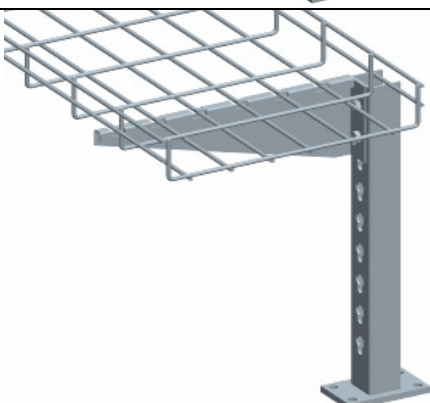
FIXING & ACCESSORIES

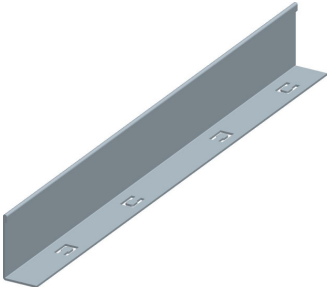
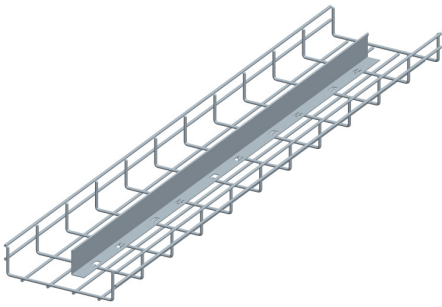
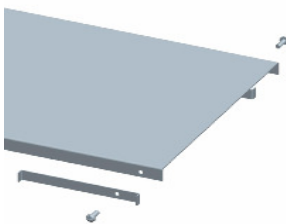
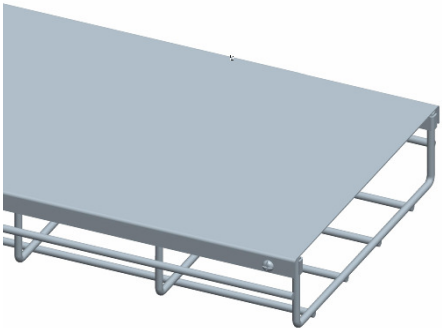
P/N	Images	Installing Guide	Description
8504010 8506010 8508010 8512010			HANGER KITS 1. Hanger kits are a solution for ceiling mounting. Each kit includes two 1mt metric thread rod, two anchor bolts, two flange nuts, and two common nuts. 2. These kits can be used as floor support.
8504050 8506050 8508050 8512050			L-TYPE WALL BRACKET This bracket is used to install cable trays to the wall. Designed for trays below 300mm wide. 8504050: 4" 8506050: 6" 8508050: 8" 8512050: 12"

8585100 8585200 8585300			WALL BRACKET It is used for horizontal wall mounting. Suitable for all sizes of cable trays. It supports heavy weight. 8585100: 4" 8585200: 8" 8585300: 12"
8585090			M SHAPE BAR 1. Used for ceiling mounting. It supports heavy weight with strong tread rods. Each kit includes two 1mt metric thread rod, two anchor bolts, two flange nuts, and two common nuts. 2. It can be used as floor support.
8585080			FASTLOCK Normally used with small cable trays to create a bend.
8530012			SPLICE Used to connect two separate cable trays. It requires at least 3 couplers. Standard couplers include one M6 bolt and one M6 flange nut.

8595010			FAST FIX SPLICER It is used as a coupler. It connects two cable trays, but it doesn't support heavy weight.
8955020			CABLE GUIDER It allows cables to be laid out from the trays to equipments.
Special Order			COUPLER It is used to connect two cable trays. It requires at least 3 couplers. Standard couplers include one M6 bolt and one M6 flange nut.
Special Order			STRENGTHENING BAR It is used to strengthen the connection of two cable trays. It can also be used to create bends, tees, crosses, risers, and reducers.

Special Order			50 TRAY HOLDER Used for ceiling mounting. Suitable only for 50mm cable trays.
Special Order			HANGING HOOKS Used to hang the cable trays from the ceiling. Designed for light weight.
Special Order			T TYPE HANGING BRACKET Used to hang the cable trays from the ceiling with vertical support.
Special Order			SPIDER BRACKET A type of wall bracket suitable for smaller trays, especially for 50mm and 100mm cable trays. It can also be used as floor support.

Special Order			CANTILEVER WALL BRACKET A common solution for horizontal wall mounting. Suitable for all sizes of cable trays. It supports heavy weight.
Special Order			FLOOR STAND It is used to hold Basket Cable Trays. There is no nut or bolt required.
Special Order			BRIDGE TYPE FLOOR STAND It is used to hold Basket Cable Trays over the floor. Height and width are adjustable.
Special Order			FLAG TYPE FLOOR STAND It is used to hold Basket Cable Trays over the floor. Height and width are adjustable.

Special Order			DIVIDER It is used to divide the cable tray into two cable pathways.
Special Order			COVER It is used to protect the cables.

Part Number	Description
8504023	Newlink Cable Tray 4"
8506023	Newlink Cable Tray 6"
8508023	Newlink Cable Tray 8"
8512023	Newlink Cable Tray 12"
8504010	Hanger-10 Kit for 4" Includes: Hanging bar (1) / Rods (2) / Anchor bolt (2) / Nut (4)
8506010	Hanger-10 Kit for 6" Includes: Hanging bar (1) / Rods (2) / Anchor bolt (2) / Nut (4)
8508010	Hanger-10 Kit for 8" Includes: Hanging bar (1) / Rods (2) / Anchor bolt (2) / Nut (4)
8512010	Hanger-10 Kit for 12" Includes: Hanging bar (1) / Rods (2) / Anchor bolt (2) / Nut (4)
8504050	L Bracket 4"
8506050	L Bracket 6"
8508050	L Bracket 8"
8512050	L Bracket 12"
8530012	Splice
8585100	4" CRP Reinforced Bracket

8585200	8" CRP Reinforced Bracket
8585300	12" CRP Reinforced Bracket
8585090	Fas Profile 2 meter
8585080	FastLock
8595010	Fast Fix Splice
8595020	Cable Guider