



COPPER / FIBER / CONNECTIVITY / RACK MANAGEMENT

Product Selection Catalogue

A model-led reference for distributors, system integrators, low-voltage contractors, and project procurement teams.

68

PRODUCT DIRECTIONS

06

COORDINATED FAMILIES

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EXACT OFFICIAL IMAGES

Start with the system role. Then lock the model.

The catalogue is a selection reference, not a blanket compliance statement. Final construction, standards, documents, MOQ, lead time, packaging, and availability are confirmed against the exact quotation.

01

Copper Cable

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Copper Connectivity

14 published product directions

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Fiber Assemblies

13 published product directions

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High-Density Fiber

6 published product directions

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Fiber & Rack Management

13 published product directions

BUYER REVIEW SEQUENCE

1 / Application and system role

2 / Construction and interface

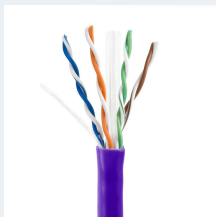
3 / Environment and standards

4 / Sample and evidence

5 / Quantity, pack, and timing

Copper Cable

10 product directions



COPPER / HORIZONTAL CABLE

Cat6 UTP 23AWG Bulk LAN Cable

CU-C6-U23 / Cat6 / U / UTP / 23AWG

A balanced Cat6 horizontal-cabling platform for commercial LAN projects, supplied in project-ready pull-box or reel formats.

CHANNEL ROLE

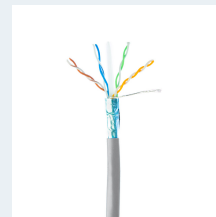
Horizontal permanent-link cable

CONSTRUCTION

4-pair, solid copper conductor options

SHIELDING

Unshielded U/UTP

[FULL DETAILS /products/cat6-utp-23awg-bulk-lan-cable](/products/cat6-utp-23awg-bulk-lan-cable)


COPPER / SHIELDED CABLE

Cat6 F/UTP LSZH Bulk Cable

CU-C6-F23 / Cat6 / F / UTP / LSZH

Foil-screened Cat6 cable for projects that call for improved noise control and a low-smoke, halogen-free jacket pathway.

CONSTRUCTION

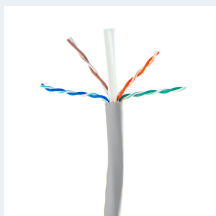
4-pair solid conductor with overall foil screen

SCREEN

F/UTP with drain-wire configuration by specification

JACKET

LSZH; color and print configurable

[FULL DETAILS /products/cat6-futp-lszh-bulk-cable](/products/cat6-futp-lszh-bulk-cable)


COPPER / 10G HORIZONTAL CABLE

Cat6A UTP Solid LAN Cable

CU-6A-U23 / Cat6A / U / UTP / 10G

Cat6A horizontal cable for 10-gigabit-ready channel planning where unshielded installation simplicity is preferred.

CATEGORY

Category 6A channel planning

CONSTRUCTION

4-pair solid copper; separator and OD by design

SHIELDING

Unshielded U/UTP

[FULL DETAILS /products/cat6a-utp-solid-lan-cable](/products/cat6a-utp-solid-lan-cable)

CU-6A-F23

CONFIGURATION-LED PRODUCT REFERENCE

COPPER / SHIELDED 10G CABLE

Cat6A F/UTP LSZH Bulk Cable

CU-6A-F23 / Cat6A / F / UTP / 500MHz

An overall-foil Cat6A construction for 10G structured cabling, with a coordinated shielded channel and project-specific jacket choices.

CONSTRUCTION

4-pair solid conductor with overall foil screen

SHIELDING

F/UTP

CHANNEL

Cat6A component set recommended

[FULL DETAILS /products/cat6a-futp-lszh-bulk-cable](/products/cat6a-futp-lszh-bulk-cable)

Copper Cable / continued

10 product directions



COPPER / INDIVIDUALLY SHIELDED CABLE

Cat7 S/FTP Bulk LAN Cable

CU-C7-S23 / Cat7 / S / FTP / Shielded

An individually foil-screened pair construction with overall braid for high-screening copper installations and custom project supply.

SCREENING

Individual pair foil plus overall braid

CONSTRUCTION

4 shielded twisted pairs

CONNECTOR STRATEGY

Confirm RJ45 channel requirement and component basis

[FULL DETAILS /products/cat7-sftp-bulk-lan-cable](#)

CU-C8-S22

CONFIGURATION-LED PRODUCT REFERENCE

COPPER / DATA-CENTER CABLE

Cat8 S/FTP 40G Bulk Cable

CU-C8-S22 / Cat8 / S / FTP / 40G

A short-reach, high-frequency copper cable direction for data-center channels that require Cat8-class construction and careful component matching.

CHANNEL INTENT

Short-reach high-speed data-center copper

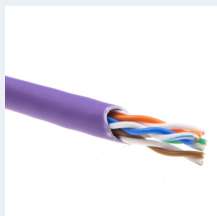
SCREENING

S/FTP

CONDUCTOR

Solid copper design by approved specification

[FULL DETAILS /products/cat8-sftp-40g-bulk-cable](#)



COPPER / HORIZONTAL CABLE

Cat5e UTP 24AWG Bulk LAN Cable

CU-5E-U24 / Cat5e / U / UTP / 24AWG

An economical four-pair horizontal cable for 1000BASE-T office, residential, CCTV, and general premises networks.

CONSTRUCTION

4-pair solid conductor

SHIELDING

Unshielded U/UTP

NOMINAL CONDUCTOR

24AWG direction; confirm exact model

[FULL DETAILS /products/cat5e-utp-24awg-bulk-lan-cable](#)

CU-C6-OUT

CONFIGURATION-LED PRODUCT REFERENCE

COPPER / OUTDOOR CABLE

Cat6 UTP Outdoor PE LAN Cable

CU-C6-OUT / Cat6 / Outdoor / PE

A Cat6 U/UTP cable direction with a polyethylene outer jacket for protected outdoor pathways and building-to-device links.

CATEGORY

Cat6 construction direction

SHIELDING

U/UTP

OUTER JACKET

UV-resistant PE option

[FULL DETAILS /products/cat6-utp-outdoor-pe-lan-cable](#)

Copper Cable / continued

10 product directions

CU-6A-S23

CONFIGURATION-LED PRODUCT REFERENCE

COPPER / SHIELDED 10G CABLE

Cat6A S/FTP Individually Shielded Bulk Cable

CU-6A-S23 / Cat6A / S / FTP / 500MHz

A Cat6A cable with pair-level foil and overall braid for 10G channels requiring strong screening and a coordinated grounding path.

SCREENING

Individual pair foil plus overall braid

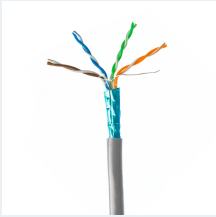
CONDUCTOR

Solid copper construction by approved model

PERFORMANCE BASIS

Cat6A / 500 MHz direction

FULL DETAILS /products/cat6a-sftp-individually-shielded-bulk-cable



COPPER / SHIELDED HORIZONTAL CABLE

Cat5e FTP Shielded Bulk LAN Cable

CU-5E-FTP / Cat5e / FTP / Shielded

A foil-screened Cat5e horizontal cable for project channels that require improved interference control and coordinated shield continuity.

CATEGORY

Category 5e

CONSTRUCTION

4-pair solid copper direction

SHIELDING

Overall foil screen with drain wire

FULL DETAILS /products/cat5e-ftp-shielded-bulk-lan-cable

Copper Patching

12 product directions



COPPER / PATCH CORD

Cat5e STP 26AWG Copper Patch Cord

PC-5E-S26 / Cat5e / STP / 26AWG

A shielded Cat5e assembly for dependable everyday rack and work-area patching with color-coded channel organization.

CATEGORY
Category 5e

CONDUCTOR
26AWG stranded copper

CONNECTOR
Shielded RJ45 molded plugs

FULL DETAILS </products/cat5e-stp-26awg-copper-patch-cord>



COPPER / PATCH CORD

Cat6 UTP 24AWG Patch Cord

PC-C6-U24 / Cat6 / U / UTP / 24AWG

A full-size Cat6 patch cord for general rack, equipment, and work-area connections where durability and familiar handling come first.

CABLE
4-pair stranded Cat6 patch cable

CONDUCTOR
24AWG stranded copper option

CONNECTOR
Unshielded RJ45 molded plugs

FULL DETAILS </products/cat6-utp-24awg-patch-cord>



COPPER / SHIELDED PATCH CORD

Cat6 FTP 26AWG Patch Cable

PC-C6-F26 / Cat6 / F / UTP / 26AWG

Shielded Cat6 patching for channels that benefit from added interference control and durable molded RJ45 connections.

CATEGORY
Category 6

SHIELDING
Overall foil screen

CONDUCTOR
26AWG stranded copper

FULL DETAILS </products/cat6-ftp-26awg-patch-cable>



COPPER / HIGH-DENSITY PATCH CORD

Cat6A 10G 28AWG Slim Patch Cord

PC-6A-U28 / Cat6A / 28AWG / 10G

A compact Cat6A patching option for dense racks and cleaner airflow, with jacket, color, boot, and label customization.

CONDUCTOR
28AWG stranded bare copper

CABLE OD
3.2 mm / 3.8 mm options by model

JACKET
LSZH / PVC / TPE / PUR options

FULL DETAILS </products/cat6a-10g-28awg-slim-patch-cord>

Copper Patching / continued

12 product directions



COPPER / SHIELDED PATCH CORD

Cat6 SSTP Snagless Shielded Patch Cord

PC-C6-SSTP / Cat6 / SSTP / Shielded

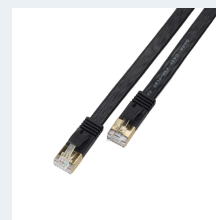
A robust shielded Cat6 patch cord for copper channels where screening continuity, molded strain relief, and mechanical durability are priorities.

CATEGORY
Category 6

CONSTRUCTION
Shielded stranded patch cable

CONNECTOR
Shielded RJ45 molded plugs

FULL DETAILS </products/cat6-sstp-snagless-shielded-patch-cord>



COPPER / LOW-PROFILE PATCH CORD

Cat7 S/FTP Flat Patch Cord

PC-C7-FLT / Cat7 / S / FTP / Flat

A low-profile shielded cord direction for visible or space-constrained routes where a flat cable form is specifically requested.

PROFILE
Flat shielded patch cable

CONNECTOR
Shielded RJ45 plug

WIRING
Straight-through by default

FULL DETAILS </products/cat7-sftp-flat-patch-cord>



COPPER / DATA-CENTER PATCH CORD

Cat8 S/FTP 40G Patch Cord

PC-C8-40G / Cat8 / S / FTP / 40G

A high-frequency shielded RJ45 assembly for short-reach data-center copper links, specified as part of a complete Cat8 channel.

INTERFACE
Shielded RJ45

CONSTRUCTION
S/FTP stranded patch cable

USE
Short-reach high-speed copper channel

FULL DETAILS </products/cat8-sftp-40g-patch-cord>



COPPER / PATCH CORD

Cat5e UTP 24AWG Patch Cord

PC-5E-U24 / Cat5e / U / UTP / 24AWG

A conventional unshielded Cat5e patch cord for work-area outlets, patch panels, switches, IP devices, and maintenance stock.

CABLE
4-pair stranded Cat5e patch cable

CONNECTOR
Unshielded RJ45 molded plugs

WIRING
Straight-through T568A or T568B by requirement

FULL DETAILS </products/cat5e-utp-24awg-patch-cord>

Copper Patching / continued

12 product directions



COPPER / HIGH-DENSITY PATCH CORD

Cat6 UTP 30AWG Slim Patch Cable

PC-C6-U30 / Cat6 / 30AWG / Slim

A reduced-diameter Cat6 patch cord for high-port-count racks where cable bulk, airflow, and route visibility need tighter control.

CONDUCTOR
30AWG stranded copper direction

SHIELDING
U/UTP

CONNECTOR
Slim molded RJ45 plug

FULL DETAILS /products/cat6-utp-30awg-slim-patch-cable



COPPER / 10G PATCH CORD

Cat6A UTP 24AWG Patch Cord

PC-6A-U24 / Cat6A / U / UTP / 24AWG

A full-size unshielded Cat6A patch cord for equipment and work-area connections that require a conventional 24AWG construction.

CATEGORY
Cat6A patch-cord direction

CONDUCTOR
24AWG stranded bare copper

CONNECTOR
Unshielded RJ45 molded plug

FULL DETAILS /products/cat6a-utp-24awg-patch-cord



COPPER / FLAT DATA-CENTER PATCH CORD

Cat8 Flat Shielded 26AWG Patch Cord

PC-8-FLT26 / Cat8 / Flat / 26AWG

A flat, shielded Cat8 patch-cord direction for short equipment links and low-profile routes, with the exact channel, length, jacket, and bend conditions confirmed before production.

CATEGORY
Category 8 direction; exact model verification required

CONSTRUCTION
Flat shielded stranded patch cable

CONDUCTOR
26AWG stranded bare-copper direction on the published reference

FULL DETAILS /products/cat8-flat-shielded-26awg-patch-cord



COPPER / SHIELDED PATCH CORD

Cat5e FTP 26AWG Shielded Patch Cord

PC-5E-F26 / Cat5e / FTP / 26AWG

A foil-screened Cat5e patch cord for everyday shielded channels, configured by finished length, jacket, color, molded plug, labeling, and the required inspection basis.

CATEGORY
Category 5e

SHIELDING
Overall foil-screened patch-cable direction

CONDUCTOR
26AWG stranded bare-copper direction on the published reference

FULL DETAILS /products/cat5e-ftp-26awg-shielded-patch-cord

Copper Connectivity

14 product directions



CONNECTIVITY / KEYSTONE JACK

Cat6 90° UTP Keystone Jack

KJ-C6-90U / Cat6 / 90° / UTP

A compact 90-degree Cat6 termination module for faceplates and modular panels, designed around conventional punch-down workflows.

FORMAT
Standard keystone footprint

CABLE ENTRY
90-degree

SHIELDING
Unshielded

FULL DETAILS </products/cat6-90-degree-utp-keystone-jack>



CONNECTIVITY / KEYSTONE JACK

Cat6A 180° Shielded Toolless Keystone Jack

KJ-6A-180S / Cat6A / 180° / Toolless

A straight-entry, shielded Cat6A module that supports repeatable field termination without a conventional punch-down tool.

CATEGORY
Cat6A

CABLE ENTRY
180-degree straight entry

TERMINATION
Toolless closure

FULL DETAILS </products/cat6a-180-degree-toolless-keystone-jack>



CONNECTIVITY / PATCH PANEL

1U 24-Port Unloaded Keystone Panel

PP-1U-24U / 1U / 24 Port / Unloaded

A flexible 19-inch modular panel that lets project teams populate the exact jack category and shielding mix they need.

FORM FACTOR
19-inch, 1U

CAPACITY
24 keystone openings

CONFIGURATION
Unloaded / modular

FULL DETAILS </products/1u-24port-unloaded-keystone-panel>



CONNECTIVITY / HIGH-DENSITY PANEL

1U 48-Port High-Density Keystone Panel

PP-1U-48H / 1U / 48 Port / High Density

A 48-port 1U panel direction for space-efficient modular copper patching where jack width, plug access, and cord management are planned together.

FORM FACTOR
19-inch, 1U

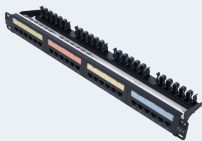
CAPACITY
Up to 48 modular positions by panel design

CONFIGURATION
Unloaded

FULL DETAILS </products/1u-48port-high-density-keystone-panel>

Copper Connectivity / continued

14 product directions



CONNECTIVITY / LOADED PANEL

Cat6 24-Port Loaded Patch Panel

PP-C6-24L / Cat6 / 24 Port / Loaded

A factory-populated Cat6 panel for consistent 24-port rack termination with labeling, rear support, and packaging choices.

FORM FACTOR
19-inch, 1U

PORTS
24 RJ45

CATEGORY
Cat6

FULL DETAILS </products/cat6-24port-loaded-patch-panel>

FP-1/2-KS

CONFIGURATION-LED PRODUCT REFERENCE

CONNECTIVITY / WORK-AREA OUTLET

Single / Dual-Port Keystone Faceplate

FP-1/2-KS / FP-1 / 2-KS / 1 / 2 Port / Keystone / Faceplate

A clean work-area termination platform for one or two keystone modules, with shutter, label, and color options.

CAPACITY
Single- or dual-port options

MODULE
Keystone-compatible opening

MOUNTING
Wall box / surface box by model

FULL DETAILS </products/single-dual-port-keystone-faceplate>



CONNECTIVITY / KEYSTONE JACK

Cat5e UTP 90° Ethernet Keystone Coupler

KJ-5E-90U / Cat5e / UTP / 90°

An unshielded Cat5e punch-down module for faceplates, surface boxes, consolidation points, and modular patch panels.

TERMINATION
90-degree IDC punch-down

INTERFACE
8P8C RJ45

WIRING
T568A / T568B color code

FULL DETAILS </products/cat5e-utp-90-degree-ethernet-coupler>

FP-6A-SH

CONFIGURATION-LED PRODUCT REFERENCE

CONNECTIVITY / FIELD PLUG

Cat6A Shielded Field-Termination Plug

FP-6A-SH / Cat6A / Shielded / Field Plug

A reusable or re-terminable shielded RJ45 field plug direction for direct-connect links, wireless access points, cameras, and building devices.

INTERFACE
Shielded 8P8C RJ45

TERMINATION
Tool-free or assisted field termination by model

CABLE TYPE
Solid installation cable within approved OD range

FULL DETAILS </products/cat6a-shielded-field-termination-plug>

Copper Connectivity / continued

14 product directions

MP-C6-U

CONFIGURATION-LED PRODUCT REFERENCE

CONNECTIVITY / MODULAR PLUG

Cat6 UTP RJ45 Modular Plug

MP-C6-U / Cat6 / UTP / 8P8C

An unshielded 8P8C modular plug direction for Cat6 patch-cable assembly, available around specific conductor and cable-diameter ranges.

INTERFACE
8P8C RJ45

SHIELDING
Unshielded

CABLE BASIS
Round stranded or solid cable by plug model

FULL DETAILS </products/cat6-utp-rj45-modular-plug>

SMB-1-2

CONFIGURATION-LED PRODUCT REFERENCE

CONNECTIVITY / SURFACE OUTLET

Single / Dual-Port Surface-Mount Box

SMB-1-2 / 1 / 2 Port / Surface Mount / Keystone

A compact work-area housing for one or two keystone modules where flush mounting is unavailable or unnecessary.

CAPACITY
One or two keystone modules

MOUNTING
Adhesive or screw fixing by model

CABLE ENTRY
Rear and side entry options

FULL DETAILS </products/single-dual-port-surface-mount-box>



CONNECTIVITY / INLINE COUPLER

Cat6 FTP RJ45 Cable Extender

CP-C6-FTP / Cat6 / FTP / Inline Coupler

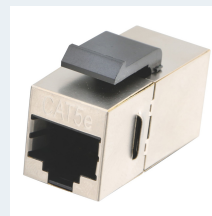
A shielded Cat6 inline RJ45 coupler for joining two compatible patch leads in maintenance, rack, and consolidation applications.

INTERFACE
RJ45 female-to-female

CATEGORY
Category 6 direction

SHIELDING
Metal shielded housing

FULL DETAILS </products/cat6-ftp-rj45-cable-extender>



CONNECTIVITY / INLINE COUPLER

Cat5e STP RJ45 Cable Extender

CP-5E-STP / Cat5e / STP / Inline Coupler

A shielded Cat5e inline RJ45 coupler for extending compatible patch connections while retaining a compact modular installation format.

INTERFACE
RJ45 female-to-female

CATEGORY
Category 5e direction

SHIELDING
Metal shielded housing

FULL DETAILS </products/cat5e-stp-rj45-cable-extender>

Copper Connectivity / continued

14 product directions



CONNECTIVITY / KEYSTONE JACK

Cat8 Shielded Toolless Keystone Jack

KJ-C8-TL / Cat8 / Shielded / Toolless

A fully shielded, tool-free RJ45 keystone direction for high-frequency copper links that require careful cable fit and end-to-end screen continuity.

INTERFACE
Shielded 8P8C RJ45

TERMINATION
Tool-free closing mechanism

HOUSING
Metal shielded body

FULL DETAILS /products/cat8-shielded-toolless-keystone-jack



CONNECTIVITY / LOADED PATCH PANEL

Cat5e 1U 24-Port Loaded Patch Panel

PP-5E-24L / Cat5e / 24 Port / 1U

A factory-loaded 1U Cat5e patch panel for standard 19-inch racks, with numbered ports, rear termination, and an integrated cable-support frame.

RACK FORMAT
19-inch, 1U

PORT COUNT
24 RJ45 ports

CATEGORY
Category 5e

FULL DETAILS /products/cat5e-24port-loaded-patch-panel

Fiber Assemblies

13 product directions

FO-OS2-LCLC

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / SINGLEMODE PATCH CORD

OS2 LC-LC Duplex Fiber Patch Cord

FO-OS2-LCLC / OS2 / LC-LC / Duplex

A compact duplex singlemode assembly for backbone and equipment patching, configurable by polish, jacket, diameter, length, and test package.

FIBER

OS2 singlemode; bend-insensitive option

CONNECTOR

LC to LC duplex

POLISH

UPC or APC only when the mating interface matches

[FULL DETAILS /products/os2-lc-lc-duplex-fiber-patch-cord](/products/os2-lc-lc-duplex-fiber-patch-cord)

FO-OM3-LCLC

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / MULTIMODE PATCH CORD

OM3 LC-LC Duplex Fiber Patch Cord

FO-OM3-LCLC / OM3 / LC-LC / Duplex

A laser-optimized multimode duplex assembly for equipment and panel patching in enterprise and data-center links.

FIBER

OM3 multimode

CONNECTOR

LC/UPC to LC/UPC duplex

JACKET COLOR

Aqua convention; project color by review

[FULL DETAILS /products/om3-lc-lc-duplex-fiber-patch-cord](/products/om3-lc-lc-duplex-fiber-patch-cord)

FO-OM4-UNI

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / HIGH-DENSITY PATCH CORD

OM4 LC-LC Uniboot Fiber Patch Cord

FO-OM4-UNI / OM4 / Uniboot / High Density

A reduced-cable-count OM4 duplex assembly for dense racks, with polarity-switching and push-pull connector options.

FIBER

OM4 laser-optimized multimode

CONNECTOR

LC duplex uniboot

CABLE

Single round duplex cable

[FULL DETAILS /products/om4-lc-lc-uniboot-fiber-patch-cord](/products/om4-lc-lc-uniboot-fiber-patch-cord)

FO-OS2-SCAPC

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / SINGLEMODE PIGTAIL

OS2 SC/APC Fiber Pigtail

FO-OS2-SCAPC / OS2 / SC / APC / Pigtail

A factory-terminated singlemode tail for fusion splicing in distribution panels and access networks, available individually or in color-coded sets.

CONNECTOR

SC/APC on one end; open fiber on the other

FIBER

OS2; bend-insensitive options

BUFFER

0.9 mm tight-buffered typical

[FULL DETAILS /products/os2-sc-apc-fiber-pigtail](/products/os2-sc-apc-fiber-pigtail)

Fiber Assemblies / continued

13 product directions

FO-OM3-LCPT

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / MULTIMODE PIGTAIL

OM3 LC/UPC Fiber Pigtail Set

FO-OM3-LCPT / OM3 / LC / UPC / 12 Color

A color-managed OM3 pigtail set for fusion-spliced multimode panels, specified by count, length, buffer, and test expectation.

CONNECTOR
LC/UPC to open fiber

FIBER
OM3 multimode

BUFFER
0.9 mm typical

FULL DETAILS </products/om3-lc-upc-fiber-pigtail-set>

FO-OS2-ARM

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / RUGGEDIZED PATCH CORD

Armored OS2 LC-SC Fiber Patch Cord

FO-OS2-ARM / OS2 / Armored / LC-SC

A singlemode hybrid-connector assembly with added mechanical protection for exposed indoor routes and demanding handling conditions.

FIBER
OS2 singlemode

CONNECTOR
LC to SC; polish specified per end

PROTECTION
Armored inner construction by model

FULL DETAILS </products/armored-os2-lc-sc-fiber-patch-cord>

FO-OS2-SCSC

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / SINGLEMODE PATCH CORD

OS2 SC-SC Simplex Fiber Patch Cord

FO-OS2-SCSC / OS2 / SC-SC / Simplex

A simplex OS2 jumper with SC connectors for telecom, access, test, and equipment links using UPC or APC polish.

FIBER
OS2 singlemode

CONNECTOR
SC at both ends

POLISH
UPC / APC as specified at each end

FULL DETAILS </products/os2-sc-sc-simplex-fiber-patch-cord>

FO-OM4-LCSC

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / MULTIMODE PATCH CORD

OM4 LC-SC Duplex Fiber Patch Cord

FO-OM4-LCSC / OM4 / LC-SC / Duplex

A duplex OM4 assembly joining LC equipment ports to SC panels or legacy interfaces in multimode backbone and equipment links.

FIBER
OM4 50/125 µm multimode

END A
Duplex LC

END B
Duplex SC

FULL DETAILS </products/om4-lc-sc-duplex-fiber-patch-cord>

Fiber Assemblies / continued

13 product directions

FO-OS2-LC12

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / PIGTAIL SET

OS2 12-Color LC/UPC Fiber Pigtail Set

FO-OS2-LC12 / OS2 / 12 Color / LC / UPC

A twelve-piece color-coded OS2 pigtail set for fusion-splice termination in rack panels, wall boxes, and distribution enclosures.

QUANTITY
12 pigtails per set

FIBER
OS2 singlemode

CONNECTOR
LC/UPC

FULL DETAILS /products/os2-12-color-lc-upc-pigtail-set

FA-SCA-SX

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / OPTICAL ADAPTER

SC/APC Simplex Fiber Adapter

FA-SCA-SX / SC / APC / Simplex / Singlemode

A simplex SC/APC mating adapter direction for singlemode patching in ODFs, terminal boxes, splitter modules, and wall enclosures.

INTERFACE
SC/APC female-to-female

PORT FORMAT
Simplex

ALIGNMENT SLEEVE
Zirconia ceramic direction; exact grade by model

FULL DETAILS /products/sc-apc-simplex-fiber-adapter

FA-LCU-DX

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / OPTICAL ADAPTER

LC/UPC Duplex Fiber Adapter

FA-LCU-DX / LC / UPC / Duplex / High Density

A duplex LC/UPC adapter direction for dense singlemode or multimode patching in rack panels, cassettes, equipment shelves, and wall boxes.

INTERFACE
LC/UPC duplex female-to-female

FOOTPRINT
SC-style duplex panel footprint direction

ALIGNMENT SLEEVE
Zirconia or phosphor-bronze option by fiber application

FULL DETAILS /products/lc-upc-duplex-fiber-adapter

FS-PLC-1X8A

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / PLC SPLITTER

1x8 ABS Box PLC Fiber Splitter

FS-PLC-1X8A / PLC / 1x8 / ABS Box

A compact 1x8 PLC splitter direction for passive optical distribution inside cabinets, terminal boxes, closures, and indoor ODN distribution points.

SPLIT FORMAT
1 input to 8 outputs

PACKAGE
ABS box module

FIBER
Singlemode bend-insensitive pigtail direction

FULL DETAILS /products/1x8-abs-plc-fiber-splitter

Fiber Assemblies / continued

13 product directions

FC-SCA-FAST

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / FIELD CONNECTOR

SC/APC Field-Assembly Fast Connector

FC-SCA-FAST / SC / APC / Field Assembly / FTTH

An SC/APC field-assembly connector direction for terminating compatible FTTH drop or indoor fiber without factory connectorization, subject to the specified preparation and acceptance method.

INTERFACE
SC/APC plug

FIBER APPLICATION
Compatible singlemode drop or indoor fiber by model

ASSEMBLY
Mechanical field-termination direction

FULL DETAILS </products/sc-apc-field-fast-connector>

High-Density Fiber

6 product directions

MPO-12-B

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / MPO TRUNK

MPO 12F Type-B Trunk Cable

MPO-12-B / MPO / 12 Fiber / Type B

A factory-terminated 12-fiber MPO trunk for high-density backbone deployment, defined by fiber type, gender, polarity, loss grade, jacket, and pulling method.

FIBER COUNT
12 fibers

CONNECTOR
MPO/MTP-compatible interface by requirement

POLARITY
Type B shown; A/C available by design

FULL DETAILS /products/mpo-12f-type-b-trunk-cable

MPO-24-TRK

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / HIGH-COUNT MPO TRUNK

MPO 24F Trunk Cable

MPO-24-TRK / MPO / 24 Fiber / Trunk

A compact 24-fiber preterminated trunk for consolidating backbone capacity through one high-density connector path.

FIBER COUNT
24 fibers

CONNECTOR
24F MPO interface by project basis

FIBER
OS2 / OM3 / OM4

FULL DETAILS /products/mpo-24f-trunk-cable

MPO-LC-12

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / MPO BREAKOUT HARNESS

MPO-LC 12F Harness Cable

MPO-LC-12 / MPO-LC / 12 Fiber / Harness

A 12-fiber MPO-to-six-duplex-LC harness for breaking a high-density trunk or parallel interface into familiar LC ports.

MPO END
12-fiber male or female by architecture

BREAKOUT
6 × duplex LC

FIBER
OS2 / OM3 / OM4

FULL DETAILS /products/mpo-lc-12f-harness-cable

CAS-MPO-LC

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / MODULAR CASSETTE

MPO-LC Low-Loss Cassette

CAS-MPO-LC / MPO / LC Duplex / Cassette

A modular cassette that converts an MPO backbone into front-access duplex LC ports while controlling polarity, density, and connector loss.

REAR INTERFACE
MPO/MTP-compatible adapter by requirement

FRONT INTERFACE
Duplex LC adapters

FIBER
OS2 / OM3 / OM4

FULL DETAILS /products/mpo-lc-low-loss-cassette

High-Density Fiber / continued

6 product directions

MPO-08-B

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / MPO TRUNK

MPO 8F Type-B Trunk Cable

MPO-08-B / MPO / 8 Fiber / Type B

An eight-fiber MPO trunk for common parallel-optics links, specified by fiber type, polarity, connector gender, loss grade, jacket, and route length.

FIBER COUNT
8 active fibers

CONNECTOR
MPO/MTP-compatible interface by requirement

POLARITY
Type B shown; confirm complete architecture

FULL DETAILS /products/mpo-8f-type-b-trunk-cable

FS-PLC-16LGX

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / MODULAR PLC SPLITTER

1x16 LGX PLC Splitter Module

FS-PLC-16LGX / PLC / 1x16 / LGX Module

A plug-in 1x16 PLC splitter module for organized high-density ODN installation in compatible LGX shelves, cabinets, and distribution frames.

SPLIT FORMAT
1 input to 16 outputs

PACKAGE
LGX-style plug-in module direction

FRONT INTERFACE
SC/APC or SC/UPC adapters by specification

FULL DETAILS /products/1x16-lgx-plc-splitter-module

Fiber & Rack Management

13 product directions

FP-1U-FIX

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / RACK ENCLOSURE

1U Fixed Fiber Patch Panel

FP-1U-FIX / 1U / Fixed / 19-inch

A straightforward 19-inch fiber enclosure for adapter, splice, and pigtail management in compact telecom and equipment rooms.

FORM FACTOR
19-inch, 1U

ACCESS
Fixed front/rear housing

TERMINATION
Adapter and splice-tray configurations

FULL DETAILS /products/1u-fixed-fiber-patch-panel

FP-1U-SLD

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / SLIDING ENCLOSURE

1U Sliding Fiber Patch Panel

FP-1U-SLD / 1U / Sliding / Serviceable

A sliding 1U enclosure that improves access to adapters, splices, and stored fiber during installation and maintenance.

FORM FACTOR
19-inch, 1U

ACCESS
Sliding drawer

TERMINATION
Splice or preterminated configurations

FULL DETAILS /products/1u-sliding-fiber-patch-panel



RACK / CABLE MANAGEMENT

1U Horizontal Cable Manager

RM-1U-DCT / 1U / 19-inch / Horizontal

A rack-level routing accessory for organizing copper and fiber patch cords while preserving access to adjacent panels and switches.

FORM FACTOR
19-inch, 1U

ROUTING
Finger-duct or ring style by model

COVER
Snap-on cover options

FULL DETAILS /products/1u-horizontal-cable-manager

RM-1U-BRS

CONFIGURATION-LED PRODUCT REFERENCE

RACK / PASS-THROUGH PANEL

1U Brush Entry Panel

RM-1U-BRS / 1U / Brush / Pass-through

A simple 1U brush panel for bringing patch cords through the rack plane while reducing open gaps and keeping routes visually controlled.

FORM FACTOR
19-inch, 1U

OPENING
Horizontal brush pass-through

USE
Front-to-rear cable routing

FULL DETAILS /products/1u-brush-entry-panel

Fiber & Rack Management / continued

13 product directions

FTTH-FDB

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / ACCESS TERMINATION BOX

FTTH Fiber Distribution Box

FTTH-FDB / FTTH / Wall Mount / Distribution

A wall-mounted access-fiber enclosure for cable entry, splitting, splicing, adapter presentation, and drop-cable management.

MOUNTING
Indoor/outdoor wall-mount models by requirement

FUNCTIONS
Splice, split, store, and connect

ADAPTER
SC / LC configurations

FULL DETAILS /products/ftth-fiber-distribution-box

FTTH-GJXFH

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / ACCESS DROP CABLE

GJXFH FTTH Drop Cable

FTTH-GJXFH / FTTH / Drop Cable / G.657

A compact indoor bow-type drop cable direction for final FTTH links, configurable by fiber count, bend-insensitive fiber, strength member, jacket, and length.

STRUCTURE
Bow-type indoor drop cable

FIBER
Bend-insensitive singlemode options

FIBER COUNT
1 / 2 / 4 fibers by construction

FULL DETAILS /products/gjxfh-ftth-drop-cable

RK-42U-FS

CONFIGURATION-LED PRODUCT REFERENCE

RACK / NETWORK CABINET

42U Floor-Standing Network Cabinet

RK-42U-FS / 42U / 19-inch / Floor Standing

A floor-standing 19-inch cabinet direction for switches, patch panels, fiber enclosures, cable managers, power distribution, and project reserve capacity.

RACK HEIGHT
42U direction

MOUNTING
19-inch adjustable rails

WIDTH / DEPTH
Selected around equipment and cable pathways

FULL DETAILS /products/42u-floor-standing-network-cabinet

FB-WM-12C

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / TERMINAL BOX

12-Core Wall-Mount Fiber Terminal Box

FB-WM-12C / 12 Core / Wall Mount / FTTH

A wall-mount 12-core terminal-box direction for cable entry, fusion splicing, adapter loading, splitter placement, and managed subscriber or building distribution.

CAPACITY
Up to 12 fiber directions by selected tray and adapter layout

MOUNTING
Indoor wall or project-defined protected location

FUNCTIONS
Cable fixation, splicing, storage, patching, and branch distribution

FULL DETAILS /products/12core-wall-mount-fiber-terminal-box

Fiber & Rack Management / continued

13 product directions

ODF-1U-24S

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / OPTICAL DISTRIBUTION FRAME

1U 24-Port Sliding Optical Distribution Frame

ODF-1U-24S / ODF / 1U / 24 Port

A sliding 19-inch optical distribution frame direction for up to 24 front adapter positions with protected splicing, routing, labeling, and service access.

RACK FORMAT

19-inch, 1U sliding enclosure direction

FRONT CAPACITY

Up to 24 adapter positions by interface

INTERFACE

SC, LC, FC, or project-defined adapter plate

FULL DETAILS /products/1u-24port-sliding-optical-distribution-frame

ST-12F-STACK

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / SPLICE MANAGEMENT

12-Fiber Stackable Splice Tray

ST-12F-STACK / 12 Fiber / Splice Tray / Stackable

A stackable 12-fiber splice-tray direction for organizing fusion splices, protected sleeves, fiber routing, and service loops inside compatible panels and enclosures.

NOMINAL CAPACITY

12 fusion-splice directions per tray

SPLICE PROTECTION

Heat-shrink sleeve holder direction

ROUTING

Integrated bend-control and fiber-retention paths

FULL DETAILS /products/12fiber-stackable-splice-tray

FC-DOME-48

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / SPLICE CLOSURE

48-Core Dome Fiber Splice Closure

FC-DOME-48 / 48 Core / Dome Closure / Outdoor

A dome-style 48-core splice-closure direction for protected fiber branching and joint management on aerial, duct, handhole, or project-defined outdoor routes.

NOMINAL CAPACITY

Up to 48 splice directions by selected tray stack

INSTALLATION

Aerial, pole, duct, or handhole direction by approved construction

CABLE ENTRY

Main and branch ports sized to the project cables

FULL DETAILS /products/48core-dome-fiber-splice-closure

FO-GYTA-24

CONFIGURATION-LED PRODUCT REFERENCE

FIBER / OUTDOOR CABLE

GYTA 24-Fiber Outdoor Duct Cable

FO-GYTA-24 / GYTA / 24 Fiber / Duct

A 24-fiber stranded loose-tube outdoor cable direction for protected duct and conduit routes, defined by fiber type, tube layout, water blocking, metallic moisture barrier, sheath, and drum plan.

FIBER COUNT

24 fibers

FIBER TYPE

OS2 singlemode direction; exact fiber grade by specification

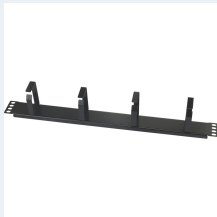
CONSTRUCTION

Stranded loose tubes around a central strength member

FULL DETAILS /products/gyta-24f-outdoor-duct-fiber-cable

Fiber & Rack Management / continued

13 product directions



RACK / OPEN-RING CABLE MANAGEMENT

1U Four-Ring Horizontal Cable Manager

RM-1U-4R / 1U / 19-inch / Four Ring

An open four-ring 1U horizontal manager for guiding copper or fiber patch cords across a standard 19-inch rack while keeping ports visible and service routes easy to change.

RACK FORMAT
19-inch, 1U

ROUTING
Four open front cable rings

USE
Horizontal patch-cord guidance and slack control

FULL DETAILS </products/1u-four-ring-horizontal-cable-manager>