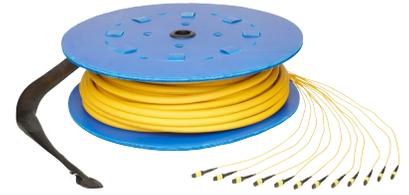


OptoTrunk Cables >

Optimizing space, improving performance and supporting expansion in data center applications, OptoTrunk Cables support future-proofed optical network design and provide more efficient connectivity than multiple single cables that have separate connectors.



ADVANTAGES AND FEATURES

Streamlines cable management and system architecture

Trunk cables consolidate multiple cables with numerous connectors and field terminations into a single cable, easing design challenges for high-density connectivity. Reducing the number of interconnects also improves insertion loss and return loss performance.

Accelerates installation and maintenance operations

Pre-terminated trunk cables permit quick and hassle-free field installation. Available pulling eyes allow easy installation through compact cable troughs overhead or beneath the floor.

Improves design flexibility

A variety of connector types are available, including cross-connector interconnect solutions.

Connector Options	LC, MTP/MPO, MMC, SN-MT, CS, MDC
Cable Lengths	10.0 to 100.0m (longer available upon request)
Mode	Single mode or multi-mode
Fiber Types	SM, OM3, OM4
Fiber Count	72F, 144F
Fiber Termination	Simplex, duplex, 8F, 12F, 16F, 24F
Operating Temperatures	-18 to +70°C

Enables optical connectivity in a wide range of environments

The plenum-rated (optical fiber non-conductive plenum, or OFNP) cables have low-smoke and low-flame characteristics and are temperature-tolerant, enabling use in high-heat environments or plenum installations.

Simplifies data center upgrades

The 72-fiber and 144-fiber options help upgrade data center capacity more quickly and easily

APPLICATIONS

Networking

- Backbone cables
- Transition cables
- Pre-terminated assemblies

Servers and Storage

- Communication wiring
- Switching stations
- Routing stations

Telecommunications

- Distribution points
- Backbone cables
- High-security communication systems
- Online learning networks



Transition Cables



Switching Stations



Backbone Cables

OptoTrunk Cables

PRELIMINARY SPECIFICATIONS

Reference Information

Packaging: Reel

Standards:

GR-326, TIA-568, IEC Attenuation Grade B

Fiber Count: 72F, 144F

Cable: Plenum (OFNP)

Jacket Ratings: Low-smoke zero halogen (LSZH),

Plenum (OFNP)

Fiber Types:

Single Mode—SM

Multi-Mode—OM3, OM4

Contact Face: Angled physical contact (APC) or ultra physical contact (UPC)

Connector Types:

MTP/MPO (12F, 16F)

LC (simplex, duplex)

MMC (16F, 24F)

SN-MT (8F, 16F)

CS (simplex, duplex)

MDC (duplex)

Designed in: Millimeters

RoHS: Yes

Halogen Free: Yes

Physical

Jacket Colors:

Single Mode (OS2)—Yellow

Multi-Mode (OM3/OM4)—Aqua

Boot Type: Straight

Cable Length: 10.0 to 100.0m

(longer lengths available upon request)

Fiber Core Size:

Single mode—9 μ m

Multi-mode—125 μ m

Fiber Cladding Size:

Single mode—50 μ m

Multi-mode—125 μ m

Single-Ended: No

Split Sleeve Material: Zirconia ceramic

Operating Temperatures: -18 to +70°C

Storage Temperatures: -40 to +70°C

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