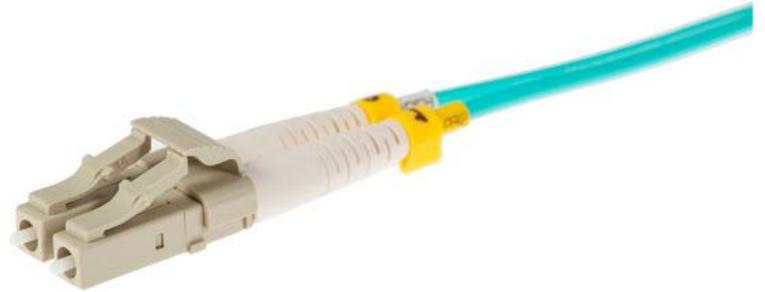


OM4



Premium OM4 Multimode Duplex 50/125 40 Gigabit Fiber Optic Cables

DESCRIPTION & FEATURES

Our Premium OM4 fiber optic cables are made with Corning® optical fiberglass cabling with Suncall® connectors and are designed with superior quality to run your network with the highest performance and reliability. OM4 patch cables take all the benefits of OM3 fiber and increase the transmission bandwidth up to 40gbs, and in some cases 100gbs. OM4, like, OM3, is laser-optimized to give optimum performance and reliability. Unlike other old fiber types, OM4 has a higher attenuation that helps create lower losses over greater distances. Plus, with a bend insensitive, 2.0mm outer LSZH (Low Smoke Zero Halogen) jacket, an even safer alternative to only OFNR riser rated cables, these cables are designed to provide the highest protection for businesses, people, and equipment in case of being exposed to high sources of heat, flames, or corrosion.

Corning® Optical Fiberglass



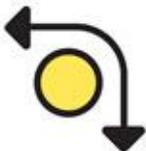
All of our premium cables are made with Corning ultra-pure glass fibers which ensure the highest degree of strength and purity to give you low attenuation and low signal loss for your whole network. Corning leads the industry in product quality and innovation, and we have brought these strengths into our premium cables.

LSZH Jacket Material

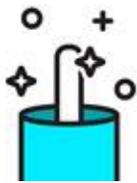


The Low Smoke Zero Halogen (LSZH) jacket material provides you with the safest cabling environment by reducing the amount of toxic and corrosive gas that could be emitted when exposed to extreme heat or during combustion.

Bend Insensitive Fiber (BIMMF)



Our premium fiber cables were created with those challenging fiber runs and environments in mind. Bend insensitive fiber (BIF) will transmit light with minimal loss even with bending and twisting beyond the normal bend radius of basic fiber cables. The ring of refraction material around the glass reflects light that is lost back into the core.



Ultra Physical Contact (UPC) Polish

With the Ultra Physical Contact Connectors, these fiber cables will give lower Optical Return Loss (ORL) and Back Reflection than standard PC connectors giving you more reliable signals for data, digital, and telephony applications.



Simple Polarity Reversible Function

These cables allow you to quickly reverse polarity while in the field without the use of any special tools to ensure the correct fiber mapping for optimal data transmission, with fewer cables, in your high-speed, high-density data center space.



2.0mm Unibody Cable

With a smaller fiber cable footprint, these cables will allow you to optimize your high-density data center environment for better airflow, cooling, and cable management.

Cable Boot Types

The premium OM4 fiber cables come in 3 boot/connector types - Standard, Uniboot, and Uniboot Push-Pull Tab, all with LC to LC connections.

1. Standard "Short" Boot:

The standard "short boot" and connectors on our premium fiber cables provide you with the normal fiber cable experience with a high quality, unibody connector with the ability to reverse polarity when needed.

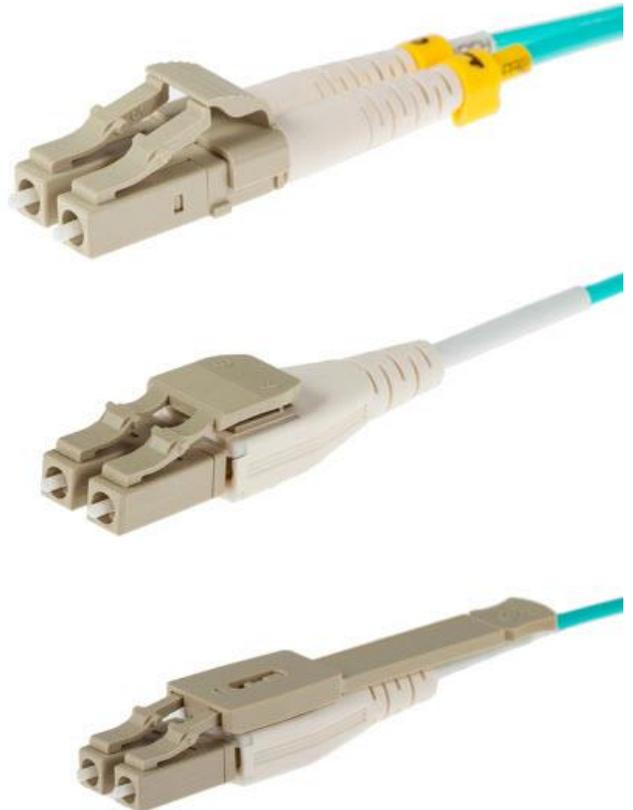
2. High-Density Uniboot:

High-density uniboot / unibody fiber optic cables have two fibers carried through a single jacket with a lower profile boot, reducing the size and surface area of the cables when compared to standard fiber optic cables, but continuing to provide the reliable performance from industry standard connectors. Uniboot fiber cables reduce cable management requirements and allow for better airflow. The smaller "short boot" connector on our premium fiber cables makes it easy to reverse the polarity of the cables when needed.

3. High-Density Uniboot Push-Pull Tab:

High-density push-pull tab boots and connectors on these OM4 fiber optic cables have a special tab that will allow easy insertion and removal of the connector without the need to access the boot or connector. The slim, low profile uniboot design allows this high-density installation cabling to be used with minimal cable management and save space in your network setup.

These fiber cables have the same type of short boot connector as the regular uniboot/unibody cables, but with the push-pull tab, still allowing you to reverse the polarity when needed.



TECHNICAL DATA & SPECS FOR PREMIUM OM4 CABLES

Connector Type	Standard, Uniboot, and Uniboot Push-Pull Tab
Connectors	LC
Core / Cladding	50 / 125
Core Material	Corning Optic Fiber Glass
Optical Mode / Glass	OM4
Mode	Multimode
Fiber Count	Duplex
Ferrules	1.25mm Ceramic
Laser Optimized	Yes
Mode Conditioning	No
Bend Insensitive	Yes
Polish Type	Ultra Physical Contact (UPC)
Jacket Material	Low Smoke Zero Halogen (LSZH)
Jacket Color	Aqua
Jacket Thickness	2.0mm
Insertion Loss @ 1300nm	≤ 0.2dB
Return Loss @ 1300nm	≥ 35dB
Max Attenuation @ 850nm	2.8dB/km
Max Attenuation @ 1300nm	1.0dB/km
Operating Temperature	-20° to 70°
Polarity	Reversible

RATINGS

Fire Rating	OFNR (Optical Fiber Nonconductive Riser)
Riser Rated	Yes
IEC	IEC 61754-20
Telcordia	GR-326-CORE Compliant
UL Listed	Yes, 94V-0
RoHS Compliant	Yes

MORE INFORMATION

For more information or to order, please visit www.cablesandkits.com or call 1-888-622-0223 to speak with one of our fiber cable experts.

CablesAndKits offers a wide variety of new, as well as refurbished, networking equipment, Cisco accessories, ethernet cabling, fiber optics, and racking solutions. As your *Partner in IT Procurement*, CablesAndKits consistently finds ways to provide more value and lower your IT acquisition costs. CablesAndKits offers a 100% satisfaction guarantee and a lifetime warranty on all purchases.