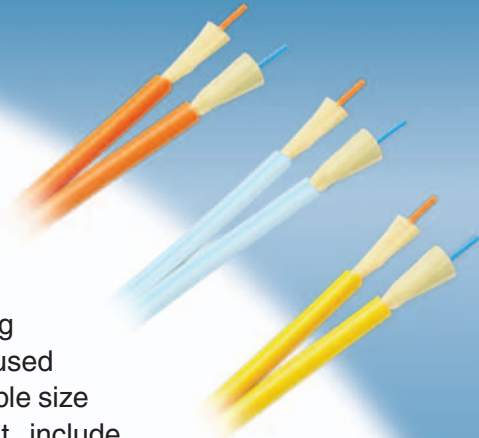


PANDUIT® OPTI-CORE™ Fiber Optic Interconnect Cable



PANDUIT® OPTI-CORE™ Fiber Optic Interconnect Cable is an integral part of the PANDUIT end-to-end fiber optic solution, designed to support today's data needs while meeting tomorrow's ever-advancing network requirements. OPTI-CORE™ Fiber Optic Interconnect Cable is used within buildings to extend or interconnect network segments. The small cable size allows for installation in space-restricted areas for applications that include horizontal cabling systems in support of high end workstations, secure networks and zone cabling. Interconnect cable can also be used for patch cords and jumpers. OPTI-CORE™ 10GIG™ Fiber Optic Interconnect Cable features the highest quality OM3 laser optimized fiber to support 10Gb/s applications while maintaining compatibility with existing 50µm multimode systems. Standard duplex singlemode and multimode interconnect cable is available in riser and plenum rated constructions.

Key Features

Benefits

Compact versatile design	Small diameter and flexible jackets allow for routing in tight spaces such as panels, cable trays and fiber-to-the-desk applications Wide variety of diameters to meet application requirements
Buffered fibers	High quality buffering offers ease of stripping while maintaining optical performance
Identification	Sheath markings provide positive identification and length verification Colored buffers for easy identification
Standard designs available	Riser (OFNR) and plenum (OFNP) rated versions Singlemode (OS1) and multimode (OM1, OM2 and OM3 laser optimized) fiber
10Gb/s laser optimized fiber available	Provides simple upgrade path for future bandwidth hungry applications without media retrofit Extends life cycle and reduces cost of ownership
Custom design options available	Low attenuation designs increase network reliability and performance Low smoke versions meet specific application requirements Simplex and quad cable provides application flexibility

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Technical Information

Performance Measure	Riser	Plenum
Bend Radius	Dynamic: 20 x Cable O.D. Static: 10 x Cable O.D.	Dynamic: 20 x Cable O.D. Static: 10 x Cable O.D.
Tensile Rating	Installation: 50 lb. (220 N) Long Term: 12.5 lb. (55 N)	Installation: 50 lb. (220 N) Long Term: 12.5 lb. (55 N)
Storage Temperature	-40° to 150° F (-40° to 65° C)	-40° to 150° F (-40° to 65° C)
Installation Temperature	-4° to 122° F (-20° to 50° C)	32° to 122° F (0° to 50° C)
Operation Temperature	-4° to 122° F (-20° to 50° C)	32° to 122° F (0° to 50° C)
Attenuation	Singlemode: 0.7dB/km @ 1310 & 1550nm Multimode: 3.5dB/km @ 850nm; 1.5dB/km @ 1300nm	

Ordering Information

Part Number	Part Description	Color	Std. Pkg. Qty. (ft)
OPTI-CORE™ Riser Interconnect Cable (OFNR) - Multimode			
FSIR602	2 fiber 62.5/125µm (OM1) multimode riser rated interconnect cable; 2.9mm dia., zip-cord.	Orange	8200
FSIR502	2 fiber 50/125µm (OM2) multimode riser rated interconnect cable; 2.9mm dia., zip-cord.	Orange	8200
FOIRX02	2 fiber 10Gig™ 50/125µm (OM3) multimode riser rated interconnect cable; 2.9mm dia., zip-cord.	Aqua	8200
OPTI-CORE™ Riser Interconnect Cable (OFNR) - Singlemode			
FSIR902	2 fiber 9/125µm (OS1) singlemode riser rated interconnect cable; 2.9mm dia., zip-cord.	Yellow	8200
OPTI-CORE™ Plenum Interconnect Cable (OFNP) - Multimode			
FSIP602	2 fiber 62.5/125µm (OM1) multimode plenum rated interconnect cable; 2.9mm dia., zip-cord.	Orange	8200
FSIP502	2 fiber 50/125µm (OM2) multimode plenum rated interconnect cable; 2.9mm dia., zip-cord.	Orange	8200
FOIPX02	2 fiber 10Gig™ 50/125µm (OM3) multimode plenum rated interconnect cable; 2.9mm dia., zip-cord.	Aqua	8200
OPTI-CORE™ Plenum Interconnect Cable (OFNP) - Singlemode			
FSIP902	2 fiber 9/125µm (OS1) singlemode plenum rated interconnect cable; 2.9mm dia., zip-cord.	Yellow	8200

OPTI-CORE™ Fiber Optic Interconnect Cable standard stocked length is 8200 ft (2.5km) reels. Other custom lengths and options are available that include diameters, jacket colors, flame ratings and premium optical performance grades. Contact Customer Service (800-777-3300) for available configurations and lead times.

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For a copy of PANDUIT product warranties, log on to www.panduit.com/warranty



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