INFINIUM CORE™ Non-Pinned MTP Fiber Trunk

Built to Customer Specifications

Single-Mode (BASE PN: C6363BxxxxJxxxxxxx)

Multimode (BASE PN: C4747BxxxxExxxxxxx)

Infinium Core fiber trunk harnesses are fully configurable with a variety of cable and connector combinations including connector type, breakout configurations and jacket material. Each trunk can have multiple connectors of different types and a choice of cable construction in between. Legrand Infinium Core trunk cables are manufactured using an innovative furcation method and are built to order.

Single-Mode *(left),* ***Multimode*** *(Right)*

	Single-Mode C6363BxxxxJxxxxxxx	Multimode C4747BxxxxExxxxxxx
General Specifications		
Application	Data Center	
Cable Assembly Type	Infinium Core Trunk	
Fiber Category	9 µm SM (OS2)	50 µm MM (OM4)
Connector Design (Connector-A, Connector-B)		
Connector Type	MTP	
Adapter Color	Green	Aqua
Keyed Connector	No	
Ferrule Material	Composite	
Boot Color	Black	
Strain Relief Boot Length	33.2 mm	
Optional Specifications (Connector-A, Connector B)		
Insertion Loss Max.	0.75 db*	0.75 db*
Return Loss	55 db*	20 db*
Cable Design		
Outer Jacket Color	Yellow	Aqua
Polarity	Type B:1-1	
Fiber Specifications		
Wavelengths	1310 nm / 1550 nm	850 nm / 1300 nm
Maximum Attenuation	0.5 dB/km / 0.5 dB/km	3.0 dB/km / 1.5 dB/km
1 Gigabit Ethernet	>25000 m / >40000 m	>550 m / >300 m
10 Gigabit Ethernet	10000-25000 m / 40000 m	400-550 m / 300 m
Induced Attenuation @ Radius	0.75 dB 1550 nm @ 10 mm (1 turn) / 1.5 dB 1625 nm @ 10 mm (1 turn)	0.2 dB 850 nm @ 7.5 mm (2 turns) / 0.5 dB 1300 nm @ 7.5 mm (2 turns)

Temperature Ranges	
Storage	-40° to 70°C (-40° to 158°F)
Installation	0° to 60°C (32° to 140°F)
Operating	0° to 70°C (32° to 158°F)

*per mated pair when mated with the Infinium Core Casette

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