



Pre-Configured MDC, Infinium Fiber Patch Cords are built to exceed industry standards for quality, performance, insertion and return loss. Available in two performance tiers; Infinium Ultra and Infinium Core. Each tier is available in Single-mode and Multimode. MDC offers ultra-dense patching configurations and simplifies moves, adds, and changes, without sacrificing performance.

Features & Benefits

Improved Density: The MDCs connector design has a dramatically reduced ferrule pitch from duplex LC connectors, allowing for up to 3 times greater density than LC. Reduces the overall number of fiber cables and cable density.

Quick Polarity Swap: Simply pull the boot away from the connector down the cord jacketing, rotate the boot 180 degrees and slide it back into place. No tools or exposed fibers, just quick and easy polarity swaps

Simple installation/removal: The push-pull release boot offers 1.5 inches of finger space for easy removal, cutting removal times by 60%. The single connector with duplex ferrules simplifies installation, reducing insertion times by over 40%.

Compatible with Infinium acclAIM: MDC Patch Cords work with this leading pre-terminated fiber solution, allowing Direct Mating Breakout and eliminating pin or polarity issues, while offering the lowest optical loss from pre-terminated fibers.

Specifications

General Info

Product Line	Ortronics	Color	Aqua
Country Of Origin	Mexico	Compliance	RoHS
Features	Reversible Polarity	Connector Color	Beige
Application Sector	Commercial, Data Center	Standard	TIA-568.3-E
Warranty Type	5-Year	Type	Fiber Patch Cord
Boot Color	Black		

Dimensions

Product Length US	2.0 FT	Cable Length	2 ft
-------------------	--------	--------------	------

Outside Diameter	2 mm
------------------	------

Technical Information

Fiber Optic Cable Type	OM4	Jacket Material	PVC (Polyvinyl Chloride)
------------------------	-----	-----------------	--------------------------

Operating Temperature Min	14 °F	Storage Humidity	15-85% RH (Non-Condensing)
---------------------------	-------	------------------	----------------------------

Jacket Application	Plenum Rated	Bend Radius	1.28 in
--------------------	--------------	-------------	---------

Simplex/Duplex	Duplex	Operating Temperature Max	122 °F
----------------	--------	---------------------------	--------

Cable Type	Fiber Optic	Jacket Rating	Plenum OFNP-Rated
------------	-------------	---------------	-------------------

Cable Diameter	2 mm	Return Loss	40 dB
----------------	------	-------------	-------

Single/Multimode	Multimode	Number of Fibers	2
------------------	-----------	------------------	---

Connector 2	MDC Male	Connector 1	LC Male
-------------	----------	-------------	---------

Ferrule Diameter	1.25 mm	Performance Level/Tier	Ultra
------------------	---------	------------------------	-------

Operating Temperature	-10°-50°C, 14°-122°F	Operating Humidity	0-90% RH (Non-Condensing)
-----------------------	----------------------	--------------------	---------------------------

Fiber Size	50/125	Maximum Insertion Loss	0.15 dB
------------	--------	------------------------	---------

Typical Insertion Loss	0.1 dB	Storage Temperature	5° - 140° F
------------------------	--------	---------------------	-------------
