



Fully compliant with IEEE 802.3z application standards, this cable is used where high speed gigabit 1000Base-LX routers and switches are deployed into existing multimode plants. The need for this patch cord is due to the single-mode launch nature of the -LX or long-wave (1300 nm) transceiver modules used for gigabit ethernet. Launching a single-mode laser into the center of a multimode fiber can cause multiple signals to be generated that confuse the receiver at the other end of the fiber.

These multiple signals, caused by Differential Mode Delay (DMD) effects, severely limit the cable distance length for operating gigabit ethernet. A mode-conditioning patch cord masks these DMD effects by eliminating these multiple signals by allowing the single-mode launch to be offset away from the center of a multimode fiber.

Features & Benefits

Designed to support gigabit routers and switches Mode conditioning fiber patch cables eliminate the effects of Differential Mode Delay (DMD)

Specifications

General Info

Product Line	C2G	Color	Orange
UPC Number	757120269984	Country Of Origin	United States
Application Sector	Commercial, Industrial	Type	Cable

Dimensions

Cable Length	16.4 ft
--------------	---------

Technical Information

Fiber Optic Cable Type	Mode-Conditioning	Bend Radius	50 mm
Cable Type	Fiber Optic	Connector 2	SC Male
Connector 1	SC Male	Fiber Size	62.5/125