



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	757120270010	Country Of Origin	United States
Application Sector	Commercial, Industrial	Type	Cable

### Dimensions

Cable Length	6.6 ft
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### Additional Information

Prop 65 Warning Required	Yes	Prop 65 Warning Language	Cancer and Reproductive Harm
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### Technical Information

Cable Type	Mode-Conditioning	Bend Radius	50 mm
Cable Type	Fiber Optic	Adapter Rear	ST Male
Adapter Front	SC Male	Fiber Size	62.5/125