Cisco CAB-GELX-625 Datasheet

Cisco CAB-GELX-625 Mode conditioning patch cable 62.5u, dual SC connectors

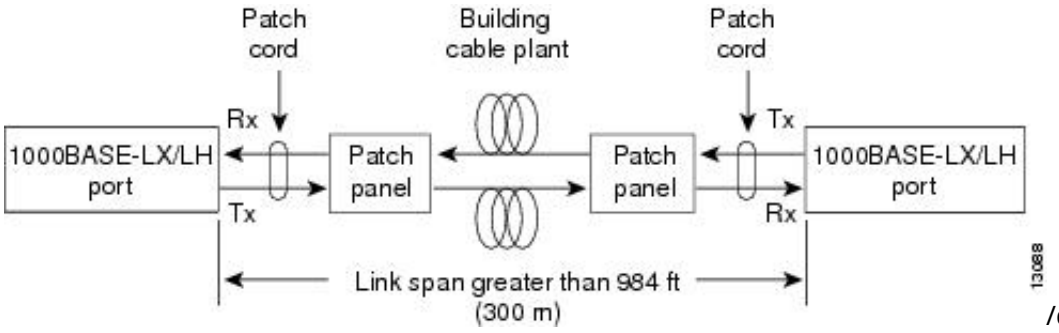
CAB-GELX-625

CAB-GELX-625=, IEEE 802.3z-compliant optical fiber assembly consisting of a single-mode fiber permanently coupled off-center to a 62.5-micron multimode optical fiber with duplex SC connectors at both ends. The patch cord is 3 meters (9.84 feet) in length.

The CAB-GELX-625 Cisco Duplex Mode Conditioning Patch Cord is used with Cisco's GBIC card for Gigabit Ethernet applications. It has a 2.9mm diameter general-purpose PVC jacket and is IEEE 802.3z compliant. Connector 1 has two multimode fibers. Connector 2 has one multimode fiber and one singlemode offset fiber.

When using 1000BASE-LX/LH, 10GBASE-LX4 and 10GBASE-LRM transceivers with legacy 62.5-micron or 50-micron MMF, you must install a mode-conditioning patch cord between the transceiver and the MMF cable on both ends of the link. The patch cord is required as per IEEE standard and Cisco specification for all links over FDDI-grade, OM1 and OM2 fiber types, and should never be used for applications over OM3 and more recent fiber types.

Patch Cord Configuration



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Patch Cord Installation

The mode-conditioning patch cord is installed between the transceiver and the patch panel. Two mode-conditioning patch cords are required per installation. To install the patch cord, follow these steps:

- Step 1, Plug the single-mode fiber (SMF) connector into the transmit bore of the transceiver.
- Step 2, Plug the other half of the duplex connector into the receive bore of the transceiver.
- Step 3, At the other end of the patch cord, plug both MMF connectors into the patch panel.
- Step 4, Repeat Step 1 through Step 3 for the second transceiver located at the other end of the network link.

Specifications

- Part Number: CAB-GELX-625

- Cable Type: Mode-conditioning Patch Cord
- Connector A: Duplex SC (GBIC Side)
- Connector B: Duplex SC (Cable Plant Side)
- Length: 3 meters (9.84 feet)

For more information of this CAB-GELX-625, please visit Cisco website:
https://www.cisco.com/c/en/us/td/docs/interfaces_modules/transceiver_modules/installation/note/OL_19329.html?dtid=osscdc000283#wp999124

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