

FC Fiber Optic Patch Cord Specifications



Article Overview

FC-FC fiber optic patch cords are fixed-connection cables with threaded FC connectors, suitable for high-vibration environments, available in single-mode and multimode versions, and compliant with international standards.

Connector and Cable Features

- Connector Type: FC (Fixed Connection) with threaded barrel housing, typically metal and nickel-plated for durability and vibration resistance .
- Ferrule Material: Zirconia ceramic ferrules with pre-polished PC, UPC, or APC end-face profiles, ensuring low insertion loss, low back reflection, and high repeatability .
- Cable Options: Available in 0.9mm, 2.0mm, and 3.0mm diameters; single-mode (9/125 μm) and multimode (50/125 μm or 62.5/125 μm) configurations .
- Standards Compliance: Meets Telcordia GR-326-Core, TIA/EIA, IEC 61300, IEC 61754-13, and NTT standards .

Performance Specifications

- Insertion Loss: Typically ≤ 0.3 dB for single-mode and ≤ 0.2 dB for multimode connections .
- Return Loss: High return loss values for UPC and APC connectors, minimizing signal reflection and ensuring efficient optical transmission .
- Testing: 100% optical testing for insertion loss and return loss is standard to ensure quality and reliability .

Applications

Article Content

Fiber Patch Cables Datasheet

Fiber optic patch cables are ideal for supporting high speed telecommunication network fiber applications. They are manufactured

FC-FC Fiber Optical Patch Cord and FC Pigtail -AOA Tech

FC Fiber Optic Patch Cord stands for Fixed Connection. It is fixed by way of a threaded barrel housing. FC-FC patch cords are

Standard Fiber Patch Cable Datasheet

Standard Fiber Patch Cables This E2000 Fiber optic patch cables are ideal for supporting high speed telecommunication network

Multimode Patch Cables

FC connectors are known as both Ferrule Connectors and Fiber Channel Connectors. They feature a durable threaded coupling and

Fiber Patch Cables Datasheet

Armored fiber patch cables feature a specialized jacketing that increases the durability of fiber cables. In addition, the stainless steel

Global Manufacturer & Supplier of FC

Buy FC - FC Fibre Patch Cord at the best price from Norden Communication, the global manufacturer and supplier of electrical and

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FIBER PATCH CABLES DATASHEET

Standard Fiber Patch Cables Fiber optic patch cables are ideal for supporting high speed telecommunication network fiber

Single-mode Patch Cables

FC connectors are known as both Ferrule Connectors and Fiber Channel Connectors. They feature a durable threaded coupling and

FC FIBER OPTIC PATCH CORDS

The FC* connectors used in our patch cords are designed to NTT-FC* standards with high quality zirconia ferrules and non-optical

SCFiberOpticPatchCordCables SC F

Description Fiber Optic Patch Cable also known as fiber patch cord cable,optical cable or fiber optic jumper. As an important

Optic Fiber Patch Cord

Optic Fiber Patch Cord Optic Fiber Patch Cord D-Link patch cords are available with full standard optical specifications, precise

Fiber Optic Patch Cords

APPLICATION Fiber Optic Patch Cords are designed to interconnect or cross connect fiber networks within structured cabling

3M Fiber Optic Patch Cords and Pigtails

3MTM Fiber Optic Patch Cords and Pigtails 3MTM Patch Cords provide the interface between distribution cables and active optical

PATCH CORDS

1. Overview This specification applies to 3.0mm Single Mode simplex & duplex patch cords. SC, LC and FC connectors are optional

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FC-FC Fiber Optical Patch Cord Overview FC Fiber Optic Patch Cord stands for Fixed Connection. It is fixed by way of a threaded

Contact Us

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