

Fiber Optic Patch Cord Connector Model and Specification Table



Article Overview

Fiber optic patch cords come in multiple connector types (LC, SC, FC, ST, MU, LSH), fiber types (OM1-OM5, OS2, G.652, G.657), and performance specifications suitable for high-speed network applications.

Connector Models and Specifications Table									
Connector Model	Fiber Type	Mode	Jacket Type	Standard	Insertion Loss	Return Loss	Durability	Typical Lengths	Notes
LC (Lucent Connector)	OM1, OM2, OM3, OM4, OM5, OS2	Single/Multimode	LSZH, OFNR	≤ 0.25 dB (standard), ≤ 0.15 dB (low loss)	≥ 26 dB (multimode), ≥ 50 dB (UPC single-mode), ≥ 60 dB (APC)	> 500 matings	1-10 m standard, custom available	Duplex and simplex options, widely used in data centers and telecom networks	
SC (Subscriber Connector)	OM1-OM5, OS2	Single/Multimode	LSZH, OFNR	≤ 0.25 dB (standard), ≤ 0.15 dB (low loss)	≥ 26 dB (multimode), ≥ 50 dB (UPC single-mode), ≥ 60 dB (APC)	> 500 matings	1-10 m standard, custom available	Push-pull design, common in enterprise and FTTx applications	
FC (Ferrule Connector)	OM1-OM5, OS2	Single/Multimode	LSZH, OFNR	≤ 0.25 dB ≥ 50 dB (UPC), ≥ 60 dB (APC)	> 500 matings	1-10 m	Screw-on type, high precision, used in telecom and measurement equipment		
ST (Straight Tip)	OM1-OM5, OS2	Single/Multimode	LSZH, OFNR	≤ 0.25 dB ≥ 26 dB (multimode), ≥ 50 dB (UPC single-mode)	> 500 matings	1-10 m	Bayonet-style, common in legacy networks and campus LANs		
MU (Miniature Unit)	OM1-OM5, OS2	Single/Multimode	LSZH, OFNR	≤ 0.25 dB ≥ 50 dB (UPC)	> 500 matings	1-10 m	Compact design for high-density patch panels		
LSH (Leviton Small Form Factor)	OM3, OM4, OS2	Single/Multimode	LSZH	≤ 0.25 dB ≥ 50 dB (UPC), ≥ 60 dB (APC)	> 500 matings	1-10 m	Low-loss, high-density applications, suppo...		

Article Content

FIBER PATCH CABLES DATASHEET

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

OPTIC FIBER PATCH CORD DATA SHEET

Pixel offers simplex and duplex patch cords in a variety of connectors and cables configurations with low insertion loss. Pixel gives a

Fibre Optic Cable & Connector Guide

Fibre optic cables can be used in a huge variety of applications, from small office LANs, to datacentres, to inter-continental

FIBER PATCH CABLES DATASHEET

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

Standard Fiber Patch Cable Datasheet

The IL & RL of fiber optic patch cables are tested to ensure stable network performance. Clean optical connectors are paramount in

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

Fiber Patch Cable Guide

GT-LCSTD52Y-xM fiber optic patch cords are ideal for short distance patching applications. These fiber optic cables tested for

Fiber Optic Patch Cable

Iveonet™ provides an extensive line of high performance fiber assemblies. All Iveonet™ fiber optic patch cable (IFPC) are fully

TECHNICAL DATA SHEET FOR OPTICAL FIBER PATCH CORD

Description fiber optic patch cord is a fiber optic cable capped at either end with connectors that allow it to be rapidly and

VPC and LPC Fiber Patch Cords

Common connector patch cord configurations in 1, 2, 3, 5, and 10-meter lengths are stocked for quick service, while hybrid connector

Opti-Core® Fiber Optic Patch Cords and Pigtails LC/APC and

The Opti-Core® LC/APC and SC/APC patch cords support singlemode network applications in main, horizontal and equipment

PATCH CORDS

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

Standard Fiber Patch Cables Datasheet | FS

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

Standard Fiber Patch Cables Datasheet | FS

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Fiber Optic Patch Cords

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

Fiber-optic patch cord

A fiber-optic patch cord is a fiber-optic cable capped at each end with connectors that allow it to be rapidly and conveniently

PATCH CORDS

3. Requirements Operating & Storage Temperature -40°C ~ 85°C Optical Performance Measurement Insertion loss and return loss

SCFiberOpticPatchCordCables SC F

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

Fiber Patch Cables Datasheet

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

Contact Us

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