

Fiber Optic Cable Connector Specifications and Models Table



Article Overview

Fiber optic connectors are standardized by IEC and other international specifications, with models such as LC, SC, ST, E2000, MPO, and MTP, each defined by ferrule size, polishing style, and application environment.

Standard Connector Models and Specifications

Connector Model	Ferrule Size	Polishing Style	Key Features	Typical Applications
IEC Standard LC (Lucent Connector)	1.25 mm	PC, UPC, APC	Small form factor, duplex option, high port density	Data centers, high-density patch panels
IEC 61754-20 SC (Subscriber Connector)	2.5 mm	PC, UPC, APC	Push-pull coupling, robust, easy handling	FTTH, enterprise networks
IEC 61754-4 ST (Straight Tip)	2.5 mm	PC, UPC	Bayonet-style twist lock, durable	Campus networks, industrial
IEC 61754-2E E2000	1.25 mm	PC, UPC, APC	Automatic closing flap, push-pull locking, optimized ferrule geometry	Hospitals, educational institutions, critical applications
IEC 61754-7M MTRJ (Mechanical Transfer Registered Jack)	1.25 mm	PC, UPC	Duplex, compact, easy alignment	LANs, telecom
IEC 61754-18M MPO/MTP (Multi-Fiber Push-On)	1.25 mm	UPC	Multi-fiber (12/24), high-density, push-pull	Data centers, backbone cabling
IEC 61754-7/21 FC (Ferrule Connector)	2.5 mm	PC, UPC, APC	Screw-on coupling, high precision	Test equipment, high-vibration environments
IEC 61754-13M MU (Miniature Unit)	1.25 mm	PC, UPC	Compact, single-fiber, high-density	Telecom, high-density patch panels
IEC 61754-9				

Polishing Styles...



Article Content

Multi-mode optical fiber

Multi-mode optical fiber is a type of optical fiber mostly used for communication over short distances, such as within a building or on a

Fiber Optic Cable Types – Multimode and Single Mode

Application Fiber Optic connectors and cables are present in nearly every communications project that we might sell into, be it a DAS

Fiber-optic cable

A fiber-optic cable, also known as an optical-fiber cable, is an assembly similar to an electrical cable but containing one or more

An Ultimate Guide for Selection of Fiber Optic Cables and Connectors

However, the selection of these two elements is a complex process due to the availability of a varying range of types, features, and

Fiber Optic Connectors Figure 1

Fiber-to-fiber interconnection can consist of a splice, a permanent connection, or a connector, which differs from the splice in its

Fiber Optic Connectors Information

Fiber optic connectors are used to align and join two or more fibers together to provide a means for attaching to, or decoupling from,

Fiber Optic & Accessories Product Catalog | Amphenol-Fiber Optic

Browse Amphenol FOP's product catalog with specifications for connectors, adapters, cable assemblies, accessories, and medical

Fiber Optic Connector Types

However, no matter what the fiber connector types are, they have the same function and similar basic components—ferrule,

Fiber Optic Connector Reference Guide

The document is an optical fiber connector reference sheet that provides pictures and notes on several common fiber connection

Product Datasheets

Glenair datasheets library. Download product specifications, performance data, and technical details for connectors, cables, and

List of Fiber Optic Connectors Models & Products | TE Connectivity

Search our portfolio of Fiber Optic Connectors products and select your specifications. We offer a wide array of reliable and cost

Types of Fiber Optic Cable Connectors and Their Uses

Choosing the correct connector type ensures ideal performance of the fiber optics cables and devices. Learn more about the types of

Fiber Optic Connectors Catalogue

This catalogue covers Fischer Connectors many years of fiber optic (FO) connectors experience. It clearly reviews, not only most

Fiber Optic Connector Types Explained | FiberCablesDirect

Make sure you're choosing the correct fiber optic connector for peak performance. Learn more about fiber connector types in our guide.

Fiber Optic Connector Types - The Ultimate Guide

You'll learn how to visually identify these fiber optic connector types by size and latch style, compare their performance

Fiber Optic Connectors Catalogue

The Fiber Optic cable system with our sealed body styled connector is dust and waterproof. Never-theless, with intensive plug-in

Fibre Optic Cable & Connector Guide

Choices must be made in selecting fibre optic cables and connectors for high-reliability applications. This white paper provides the

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://gmarkconstruction.co.za>

Email: sales@gmarkconstruction.co.za

Phone: +31-6-15-38-72-94

Address: Herengracht 456, 1017 BS Amsterdam, Netherlands

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