

SC APC fiber optic connectors low loss in stock



Overview

Designed for 3 mm singlemode fiber cables, this connector combines the precision of fusion splicing with the convenience of a standard SC interface.

Key Takeaways

SC/APC fiber optic connectors provide low insertion loss, high return loss, and reliable performance for singlemode fiber networks.

Key Features

Low Insertion Loss: Typically ≤ 0.15 dB for singlemode fibers, ensuring efficient signal transmission and minimal signal degradation. **High Return Loss:** Angled 8° APC ferrule design achieves ≥ 65 dB return loss, reducing back reflection and improving signal integrity in CATV, DWDM, FTTH, and analog systems.

Durable and Reliable: Factory-polished ferrules and molded construction provide consistent performance, tensile strength exceeding 60 N, and durability over multiple mating cycles.

Push-

Pull Latching: Standard SC interface with tool-free insertion and removal, allowing quick and secure installation. **Versatile Cable Compatibility:** Supports fiber diameters from 0.9 mm to 3.

0 mm, suitable for various field and network applications. Color Coding: Green housing identifies APC connectors, differentiating them from standard PC or UPC connectors.

Applications

Telecommunications Infrastructure FTTH Passive Optical Networks CATV and Analog Signal Systems LAN and Data Center Networks DWDM and High-Precision Fiber Systems Available Options Splice-On SC/APC Connectors: Combine fusion splicing precision with SC interface convenience for field installation. Quick Assembly SC/APC Connectors: Tool-free, fast installation with stable low-loss performance, ideal for both professional and DIY use. Factory Direct SC/APC Connectors: Customizable for OEM requirements, supporting small prototype orders or large-scale production.

These connectors are widely available from suppliers such as TechToolSupply, iFiber Optix, Manufactory, eBay, and Amazon, ensuring that low-loss SC/APC connectors are in stock for immediate deployment.

Article Content

SC Simplex SM APC Splice-On Connector, Low-Loss

Designed for 3 mm singlemode fiber cables, this connector combines the precision of fusion splicing with the convenience of a standard SC interface.

Sc Apc Fiber Connector

Explore a wide range of our SC Apc Fiber Connector selection. Find top brands, exclusive offers, and unbeatable prices on eBay. Shop now for fast shipping and easy returns!

SC/APC Series Connectors

Explore iFiber Optix's SC/APC Series Connectors, designed for high-performance fiber optic connections with low insertion loss and reduced back reflection.

SC-APC Quick Assembly Connector 100Pcs Fiber Optic Cable

RELIABLE: The SC APC connector offers low insertion loss and high return loss, providing excellent durability and stability. Widely used in optical fiber transmission lines, optical fiber

Factory Direct SC/APC Quick Connector with Low Insertion Loss for

Professional-grade SC single mode fiber optic connectors featuring low insertion loss, available in APC/UPC polish types with 0.9mm-3.0mm cable diameters. Ideal for telecom, CATV and network

High-tech Fiber Optic Supplier & Manufacturer, Factory

KEXINT is best one of the fiber optic suppliers & manufacturers in China, Shenzhen Kexint Technology Co., Ltd. in 5th Floor, Building 2, Chunhu Industrial park,

Cheap Yellow SC APC to SC APC SX OS2 Singlemode Fiber Optic

Budget-yellow SC APC OS2 single-mode fiber cables from aliexpress performed reliably in lab and CATV scenarios, offering low-loss connectivity comparable to higher-priced options when verified

Fiber Optic Connector Types: Full Comparison

Fiber Optic Connector Types: Full Comparison & Selection Guide LC, SC, FC, ST, MPO/MTP compared: ferrule sizes, polishing types, insertion loss,

Delta PIG-SC-APC-2 Single-Mode Fiber Optic Pigtail | AiO.lv

Short description This Delta single-mode fiber optic pigtail features a high-precision SC-APC connector, designed for reliable termination in fiber optic networks. It ensures low insertion loss and high return

Fiber Optic Pigtails | SC, LC, ST Single Mode & Multimode

High-quality fiber optic pigtails for terminating and splicing in any network environment. We stock a wide variety of pigtail fiber types, including single mode and multimode, with all major connector options

Buy fiber optic splitters online | ShopFiber24

Fibre optic splitters for reliable network technology A fibre optic splitter is an essential component in passive optical networks. It distributes incoming light signals across multiple outputs. Particularly in

Fiber Optic Cable vs Patch Cord vs Pigtail – Complete Guide

When you build or upgrade a fiber network, the same four words pop up everywhere— fiber optic (bare fiber), pigtail, patch cord, optical cable. They're related, but they are not

Fiber Patch Cable Fiber Optic Cable SC/APC to SC/APC Fiber Optic ...

RPremium Fiber Optic Cable: Our SC/APC to SC/APC OS2 simplex internet fiber optic cable is enclosed in a 3.0mm LSZH jacket. Cross section of the central core and its 9/125 micron coating. Reflectivity

Fiber Optic Products Supplier & Manufacturer

As the leading fiber optic products supplier with more than 10 years of experience, Bonelinks is specializing in designing, manufacturing and providing fiber optic products & accessories for customers.

Fiber pigtails: buy online at EFB-Elektronik

Fiber optic pigtails play a central role in fiber optic cabling and, in combination with professional splicing technology, ensure maximum efficiency and low attenuation losses. Whether you need fiber optic

Fiber Patch Cords for FTTH | Uses, Applications

Explore how fiber patch cords power FTTH projects—key applications, smart selection tips, and expert deployment advice. Boost network

Fiber patch cables: buy online at EFB-Elektronik

Flexibility: Patch cables are extremely flexible and are ideal for connections between active network components. Variety of connector types: There is a wide selection of connector types, including SC,

Go4Fiber Ltd-One Stop Fiber Optic Superstore

EXFO OX1 Optical Fiber Multimeter, Last Mile Installation Optical Explorer - PRO version 1310/1550 nm, SC/APC Click-Out Optical Connector OX1-PRO-I-88 Availability:

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

