

Fiber Optical Adapters & Quick Connectors

Technical Specification & Product Overview Datasheet

1. Fiber Optical Adapters

Product Features

Types Available: LC, SC, FC, ST, MPO/MTP, E2000, MU, MTRJ, and Hybrid types.	Optical Performance: Low insertion loss and high return loss guarantee superior signal integrity.
Fiber Mode Options: Available in Single-Mode (SM) and Multi-Mode (MM).	End-Face Polish Types: PC, APC, and UPC end-face configurations available.
Channel Configuration: Simplex and Duplex structures supported.	Durability Rating: High mechanical durability ≥ 1000 mating cycles.

Supported Adapter Models

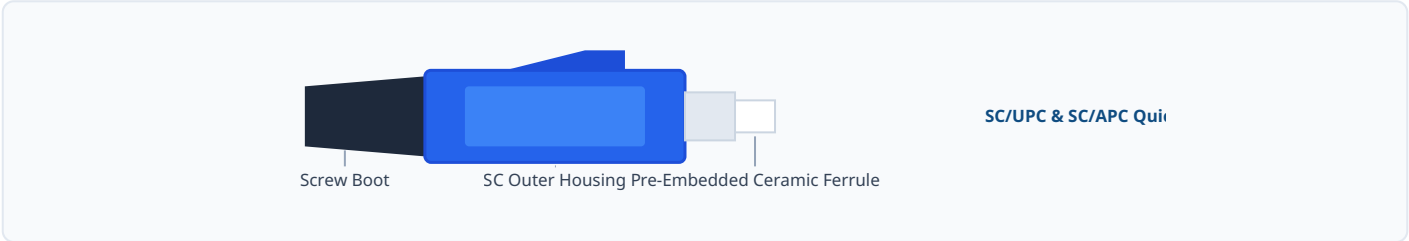
 E2000	 LC	 MPO / MTP	 FC
 MU	 MTRJ	 ST	 SC

2. Quick Connector (Fast Cold Connection)

Product Features

Connector Types: SC/UPC and SC/APC connector types available.	Pre-Embedded Fiber Technology: Pre-embedded optical fiber within ceramic ferrule, requiring no epoxy curing or field polishing.
Fiber Mode Options: Available in Single-Mode (SM) and Multi-Mode (MM).	Cable Compatibility: Suitable for 3x2.0mm drop cables or 3.0/2.0/0.9mm round cables.
Durability Rating: High mechanical durability ≥ 1000 re-mating cycles.	Field Assembly: Fast, cold-connection assembly designed for FTTH field installations.

Quick Connector Structure Diagram



Technical Specifications Summary

Product Category	Available Models / Types	Fiber / Polish Types	Insertion Loss	Durability
Fiber Optical Adapter	LC, SC, FC, ST, MPO/MTP, E2000, MU, MTRJ, Hybrid	SM / MM PC, UPC, APC	≤ 0.2 dB	≥ 1000 times

Product Category	Available Models / Types	Fiber / Polish Types	Insertion Loss	Durability
Quick Connector (Fast Cold)	SC/UPC, SC/APC (for 3x2.0mm & 3.0/2.0/0.9mm cables)	SM / MM Pre-embedded Ferrule	≤ 0.3 dB	≥ 1000 times