

# Optical Fiber Adaptor

*FC SC LC SC-ST MU-LC SC-MU SC-LC E2000  
MU Hybrid Adaptor*

## FC Optical Adaptor/Connector

*Single Mode/ Multimode*

FC Connector complies with JIS specification C-5970 and is a non-optical disconnection. It is also pre-assembled to be easy to install.



FC "D Model" mount adapter designed for single-mode NTT-FC connectors. The female-female threaded adapter is fully compliant with TIA / JIS / IEC requirements, machined nickel/brass body and can be ordered either with a single-mode Phosphor Bronze or Zirconia Ceramic sleeve. Mounting is through a mixture of locknut and washer.



FC SQUARE TYPE is a high-quality and costs reduced mounting adapter designed for use on a solid, machined brass/nickel body and a females-threaded adaptor which is extremely precise and can be ordered in a single-mode. Phosphor bronze or Zirconia ceramic sleeve to improve connector performance, fully comply with TIA / JIS / IEC standards.

## SC/ST Optical Adaptor/Connector

*Single Mode/Multimode*

SC connector has a blue and green push-pull board designed to meet the TIA / EIA-568A standard and is double-size with a simple clip.



SC adaptor is a tight-tolerant low-cost adapter designed for high-density panel mounting of PC or APC connectors. The female push-pull adaptor is built with a robust precise mounted plastic body and provides an extremely accurate key alignment for improved performance of the connector.

## ST Optical Adaptor/Connector

*Single Mode/Multimode*



ST "D" Single mode STTM connector adapter designed. The female bayonet adapter is completely compliant with the STTM / type-II series of Lucent Technologies and can be ordered with either Phosphor Bronze or Zirconia Ceramic sleeve in a single mode. Assembly is achieved via a locknut and washer

## LC Optical Adaptor/Connector

*Single Mode/Multimode*

LC Connector is fully licensed and follows all the shape, fit and function requirements of the LC Alliance. With a simple clip, the RJ-45 push-pull housing can be quickly converted to a duplex configuration.



LC adapter is a plastic body flange mount adapter designed for single-mode LC / APC connector applications, female-female push-pull adapter completely complies with TIA / JIS / IEC specifications and comes as standard with a single-mode Zirconia Ceramic sleeve Full-long white dust caps protect the inner sleeve against contamination. Mounts are installed via two lock tabs modeled on a plastic body rated UL-94V-O.

## MU Optical Adaptor/Connector

*Single Mode/Multimode*



Single-mode and multimode types of MU fiber optic adapter. For SMF and MMF and APC styles, these MU fiber adapters are UPC for SMF, most of them with zirconia sleeves, optional bronze sleeve MU adapters are for multimode. MU fiber optic adapter features NTT-MU hardware compatibility NTT & JIS compliance with a compact design.

## E2000 Optical Adaptor/Connector

### *Single Mode/Multimode*

E2000 Connector is designed for latched push-pull connectors, automatic metal shutters in connectors and adapters as protection against dust and laser beams, one piece of engineering for easy and fast termination and high security in high-power applications



UPC and APC adapters are available for E2000 fiber optic adapters, including single mode and multimode types. These E2000 fiber adapters are in simplex style with zirconia sleeves. fiber optic adapters E2000 for WANs, LANs, CATV, Metrology, Railway, Industry applications. E2000 fiber optic adapter provides high bit rate protocols that are safely transmitted. Tested and approved by Swisscom in accordance with European (EN 186270) and International (IEC 61754-15) standards.

Connector Information	Single-Mode	Multimode
Connector Type	FC, SC, ST, LC, MU	FC, SC, ST, LC, MU
Insertion Loss	< 0.2dB	< 0.2dB
Return Loss	PC > 40dB UPC > 50dB APC > 60dB	>0.25dB

## HYBRID ADAPTOR

### SPECIFICATION

Insertion Loss	< 0.2 dB for Zirconia sleeve, < 0.2 dB for phosphor bronze sleeve
Durability	500 mating
Temperature Cycling	- 40c° to + 80c°



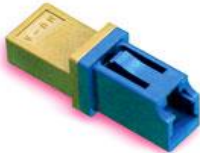
**SC-FC**



**SC-ST**



**SC-LC**



**MU-LC**



**SC-MU**



**FC-ST**