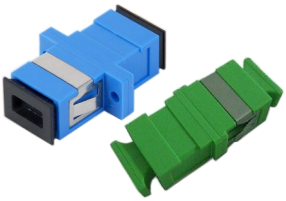
FIBER ADAPTERS

FC ADAPTER

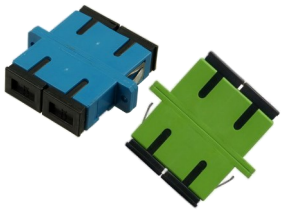
FC Square

FC Round D-Type

SC ADAPTER



SC Simplex



SC Duplex

MT-RJ & MPO ADAPTER

MT-RJ

MPO

DESCRIPTION

Optical Fiber Adapter is used to mate two connectors, usually mounted in a distribution panel or wall mount box. It is a precision components made from zirconia ceramic to ensure the perfect alignment of connectors and reduced insertion loss for both SM and MM fibers. In most cases, the split sleeve is the critical part of the system that aligns the ferrule part of the connector, keeping the fibers in perfect alignment.

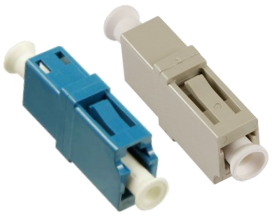
In the case of MT-RJ, the alignment is carried out by two guide pins fitted into one of the connectors. The adapter is purely to support and lock the connectors together in the distribution panel or wall box.

FEATURES

- Available in FC, SC, ST, LC, MU, MT-RJ and MPO
- Available in simplex, duplex, quad (LC) and Hybrid versions
- High precision zirconia or standard phosphor bronze sleeves
- Low insertion loss
- High repeatability and stability

APPROVED BY TM

LC & MU ADAPTER



LC Simplex

LC Duplex

LC Duplex with SC

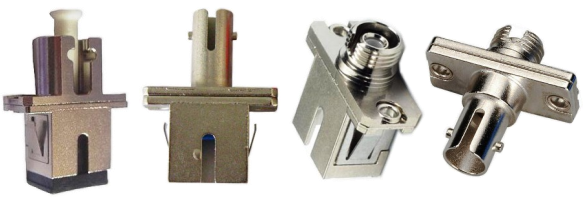
MU Adapter

ST & SMA ADAPTER

ST Adapter

SMA Adapter

HYBRID ADAPTER



LC/SC SC/ST SC/FC FC/ST

Note : Specifications are subject to change without notice

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SPECIFICATIONS

Characteristic	Parameter
End face	PC/APC
Mode	Single Mode or Multi Mode
Sleeve Material	Zirconia Ceramic or Phosphor Bronze
Adapter Housing	Polymeric plastic tested in accordance to IEC60068-2-10 and in compliance with UL94 V-0 Rating Corrosive resistant nickel plated brass material for metal parts
Insert Loss	≤ 0.2 dB
Exchangeability	≤ 0.2 dB (connect randomly)
Tensile Strength	≤ 0.2 dB (0 ~ 100N)
Lifetime	>500 times mating (in accordance to IEC 61300-2) Adapter lifetime >15 years
Vibration	≤ 0.2 dB (5 ~ 50Hz, 1.5mm Amplitude)
Working Temperature	≤ 0.2 dB (-40 ~ 80℃, 21 Cycles)

ORDERING INFORMATION

Example : FCP-SS1

FCP- **S** **S** **1**

ADAPTER TYPE	
FCP	FC/PC
FCA	FC/APC
SCP	SC/PC
SCA	SC/APC
STP	ST/PC
LCP	LC/PC
LCA	LC/APC
SMP	SMA/PC
E2P	E2000/PC*[1]
E2A	E2000/APC*[1]
MUP	MU/PC
MPO	MPO/PC
MT	MTRJ/PC
FCP-STP	FC/PC-ST/PC
FCP-SCP	FC/PC-SC/PC
STP-SCP	ST/PC-SC/PC
LCP-SCP	LC/PC-SC/PC
LCP-FCP	LC/PC-FC/PC
E2A-SCA	E2000/APC- SC/APC

TYPE*[2]	
S	SM (Dark Blue: PC/UPC; Green: APC)
M	MM (Beige: MM; Aqua: OM3)

TYPE	
S	Simplex
D	Duplex (SC & LC only)
Q	Quad (LC only)

MOUNTING	
1	FC Square
2	FC Round
3	Flange
4	Without Flange
N	Not Applicable

Note :
****1**: E2000 connectors are from R&M*
****2**: Color is only applicable to polymeric material based connector's*

Note : Specifications are subject to change without notice