

FC/APC FIBER OPTIC ADAPTOR



Adapter is a mechanical device designed to align fiber optic connectors. It contains the interconnect sleeve that holds two ferrules together. They are used to connect optical fiber connectors of the same type, such as FC, SC, LC, ST, MU, MTRJ, D4, DIN, MPO etc, widely used in optical fiber communications equipment, measuring appliance and so on, the performance stably reliable.

Flyin optronics offer various kinds of FC adaptors, such as square type, rectangular type, big-D type, small-D type, one-piece(solid body), two-pieces type etc. FC fiber optic adaptors are all with metal housing.

Description:

Adaptor body: FC/APC, Round small-D type, Metal housing, Nickel plated brass body

Sleeve part: Zirconia ceramic Sleeve

Cap part: Green, Rubber

Application:

- ◆ Telecommunication Networks
- ◆ FTTX, FTTH
- ◆ LAN, WAN, CATV
- ◆ Fiber Communication Systems
- ◆ Data Processing Networks
- ◆ Industrial, Mechanical and Military

Features:

- ◆ Low insertion loss and back reflection loss
- ◆ High precision alignment and compact design
- ◆ PC, APC available
- ◆ Nickel plated brass body
- ◆ Choice of housing shape
- ◆ Comply to ROHS requirement

Technical Data:

Item	Parameter
Connector Type	FC/APC
Fiber Type	Single-mode, Simplex
Insertion loss	≤0.2dB
Return Loss	≥45dB
Mating Durability	≤0.2dB typical change, 1000 times
Operating Temperature	-40 ~ +75°C
Storage Temperature	-40 ~ +85°C

Ordering Information:

Connector	Polishing	Housing type	Dust Cap Color
FC	PC UPC APC	Rhombus Rectangular Square(One-piece) Square(Two-piece) Round (Big-D) Round (Small-D)	Red (PC) White (PC) Green (APC)