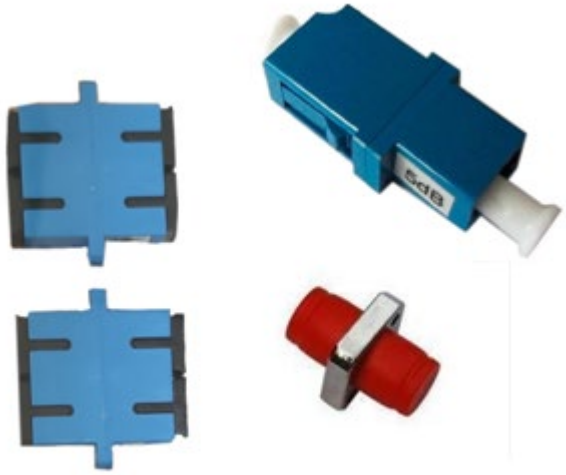
Introduce

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 ect, widely used in optical fiber communications equipment, measuring appliance and so on, the performance stably reliable.

Features

- Simplex, duplex versions available
- Phosphor bronze or Zirconia sleeve
- Low insertion loss and back reflection loss
- High precision alignment
- Compact design
- Comply to ROHS requirement



Applications

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

Technical parameters

Parameter	SM			MM
Polish	PC	UPC	APC	PC
Wire Diameter (mm)	0.9mm , 2.0mm , 3.0mm			
Insertion Loss(dB)	≤0.3	≤0.2	≤0.3	≤0.3
Return Loss(dB)	≥45	≥50	≥60	≥20
Interchangeability (dB)	≤0.2			
Plug-pull life(times)	> 1000			
Operating temperature(℃)	-40~+75			
Storage temperature (℃)	-40~+80			

Order information

A	B	C	D	E	F	G
Mode	**Fiber Numbers**	**Polish**	**Appearance**	**Sleeve Material**	**Color**	**Connector**
1：SM	1：Single Core	1：PC	1：Square	1：Ceramic	1：Blue	1：LC
2：MM	2：Double Core	2：UPC	2：Circular		2：Beige	2：SC
	4：Four Core	3：APC	3：Rhombus		3：Green	3：FC
	8：Eight Core		4：Rectangular		4：Curtom	4：ST
			5 :Auriculate			5：D4
			6：Anotia			6：DIN
			7：Other			7：MU
						8：MPO
						9：MTRJ
						10：E2000
						11：Other