

FC Connector

DESCRIPTION

An optical fiber connector terminates the end of an optical fiber, and enables quicker connection and disconnection than splicing. The connectors mechanically couple and align the cores of fibers so light can pass. Better connectors lose very little light due to reflection or misalignment of the fibers.

FEATURES

- Ease of installation
- Low cost
- Reliability
- Low environmental sensitivity
- Ease of use

APPLICATIONS

- Telecom network
- Ethernet network
- Optical communication equipment



SPECIFICATIONS

Parameter	Value			
	SM Standard	SM Premium	SM Premium plus	MM
Insertion Loss	≤0.3dB			≤0.3dB
Return Loss	≥50dB(UPC); ≥60dB(APC)			≥30dB
Ceramic ferrule spec (125.5μm concentricity deviations)	<1μm	<0.5μm	<0.3μm	127μm concentricity deviations <4μm
Insert-pull test	1000 times<0.3dB			1000 times<0.3dB
Operation temperature	-40°C~+85°C			-40°C~+85°C
Suitable fiber	UPC/APC(9/125μm)			UPC (50/125μm,62.5/125μm)
Boot type	0.9mm /2.0 mm /3.0 mm /Short Boot/ Long Boot			

ORDERING INFORMATION

Description	Reference