

ST Connector

DESCRIPTION

Optical fiber connector is a detachable (movable) connection device between fiber and fiber. It precisely butts the two ends of fiber, reduces the loss of optical link as much as possible, and enables the optical signal output by transmitting optical fiber to be coupled to the receiving optical fiber as much as possible. It is widely used in telecom networks, CATV, FTTX, etc.

FEATURES

- High repeatability and high stability
- Ease of installation
- Meets GR326 or IEC 61300-2 standards

APPLICATIONS

- Telecom network
- CATV
- FTTX



SPECIFICATIONS

Parameter	Value			
	SM Standard	SM Premium	SM Premium plus	MM
Insertion Loss	≤0.3dB	≤0.20dB	≤0.15dB	≤0.3dB
Return Loss	≥50dB(UPC); ≥60dB(APC)			≥30dB
Ceramic ferrule spec	125.0~125.5μm			126~129μm
Ceramic ferrule concentricity	<1μm	<0.5μm	<0.3μm	<4μm
Insert-pull test	500 times<0.3dB			500 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
2.0mm ST/UPC SM Standard loss, long boot	217210101000
2.0mm ST/UPC SM Standard loss, short boot	217210111000