

Patchcord

Features

Low insertion
High back reflection
Compliant ICE standard
Compliant telcordia GR-326-CORE standard

Applications

CATV Fiber Optics Link
SDH Fiber Transmission
Test equipment



Performance Specifications

Optical Specification					Unit
Items	Test Condition	Performance			
		FC SC ST LC MU /PC	FC SC ST LC MU /UPC	FC SC LC /APC	
Insertion Loss	SM:1310nm/1550nm LD Source	≤ 0.3	≤ 0.3	≤ 0.35	dB
	MM:850nm LED Source	≤ 0.3	≤ 0.3	≤ 0.35	dB
Return Loss	SM:1310nm/1550nm LD Source	≥ 40	≥ 50	≥ 60	dB
	MM:850nm LED Source	≥ 25	≥ 35	≥ 40	dB
Mechanical Specification					
Changeability	Connect Randomly	≤ 0.2 Δ			dB
Vibration	5 - 50Hz 1.5mm Amplitude	≤ 0.2 Δ			dB
Tensile Strength	0 – 15Kg Tensile Force ★	≤ 0.2 Δ			dB
Environmental Specification					
Durability	1000 Cycles	≤ 0.2 Δ			dB
High Temperature	85°C, During 100	≤ 0.2 Δ			dB
Low Temperature	-40°C, During 100	≤ 0.2 Δ			dB
Temperature Cycle	-40 - 85°C, During 5 Cycles	≤ 0.2 Δ			dB
Humidity	25 - 60°C, 93% R.H. 100 Hours	≤ 0.2 Δ			dB
Note	Δ : Change of Insertion Loss ★: Except Diameter OD=900um Fiber				

Compliance Telcordia GR1209-CORE & GR-1221-CORE Standard