



PM Patch Cords

FEATURES

PC, UPC, APC Multi Skive Project
 High Return Loss
 Low Insertion Loss
 High Reliability and Stability

APPLICATION

Telecommunications System
 Testing Equipment
 CATV Systems
 Long-haul Telecommunications
 LAN System

PERFORMANCE SPECIFICATIONS

Parameter	Test Condition	(FC/SC/LC) /PC	(FC/SC/LC) /UPC	(FC/SC/LC) /APC	(ST/MU) /PC	(ST/MU) /UPC	(ST/MU) /APC
Optical	Insertion Loss	Light source: 1310nm (SLED)	0.20dB	0.20dB	0.20dB	0.25dB	0.30dB
	ReturnLoss	Light source: 1310nm (SLED)	40dB	50dB	60dB	40dB	60dB
	Extinction Ratio	Light source: 1310nm (SLED)	20dB				
Mechanical*	Changeability	Connect randomly	0.20dB				
	Vibration	10~58Hz, Amplitude 1.5mm	0.20dB				
	Repetition	>1,000	0.10dB				
Environmental*	High Temperature	+85°C for 100 hours	0.20dB				
	Low Temperature	-40°C for 100 hours	0.20dB				
	Temperature Cycle	-40~+80°C during 5 cycles	0.20dB				
	Humidity	+25~+65°C, 93% R.H., 100hours	0.20dB				

* Loss variation under various Mechanical and Environmental conditions.

ORDERING INFORMATION

Connector 1	Type of optical fiber/cable	Connector 2	Pigtail Style	Fiber Type	Fiber Length	Axis alignment
0 = None	1=Simplex (1 core)	1 = FC/APC	1=Bare fiber	K=PM850	07=0.75m	SA=Slow axis
1 = FC/APC	2=Duplex (2 core)	2 = FC/PC	2=900um	L=PM980	10=1.0m	FA=Fast axis
2 = FC/PC	.	3 = SC/APC	loose tube	M=PM1310	.	45=Slow axis
3 = SC/APC	.	4 = SC/PC	3=3mm jacket	N=PM1550	.	aligned 45°to key
4 = SC/PC	X=Others	5 = ST	4=2mm jacket	S=Custom	.	UL=Key unlocked
5 = ST		6 = LC/UPC	5=1.6mm jacket		50=5.0m	
6 = LC/UPC		7 = LC/APC	6=900um			
7 = LC/APC		8=MU/UPC	tight buffer			
8=MU/UPC		9=MU/APC				
9=MU/APC		S=Custom				
S=Custom						