



# Single Mode 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 (DFB)	0.20dB	0.20dB	0.20dB	0.25dB	0.25dB	0.30dB
	ReturnLoss	Light source: 1310nm (DFB)	40dB	50dB	60dB	40dB	50dB	60dB
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

SMP	Connector 1	Type of Optical Fiber/Cable	Connector 2	Pigtail Style	Fiber Type*	Fiber Length
0 = None	1 = FC/APC	1=Simplex (1 core)	1 = FC/APC	1=Bare fiber	2=SMF-28 Ultra (G.657.A1)	05=0.5m
1 = FC/APC	2 = FC/PC	2=Duplex (2 core)	2 = FC/PC	2=900um loose tube	3=ClearCurve ZBL(G.657.B3)	10=1.0m
2 = FC/PC	3 = SC/APC	•	3 = SC/APC	3=3mm jacket	S=Custom	•
3 = SC/APC	4 = SC/PC	•	4 = SC/PC	4=2mm jacket		•
4 = SC/PC	X=Others		5 = ST	5=1.6mm jacket		50=5.0m
5 = ST			6 = LC/UPC	6=900um tight buffer		
6 = LC/UPC			7 = LC/APC			
7 = LC/APC			8=MU/UPC			
8=MU/UPC			9=MU/APC			
9=MU/APC			S=Custom			
S=Custom						

\*1=SMF-28(G.652) is available upon request.