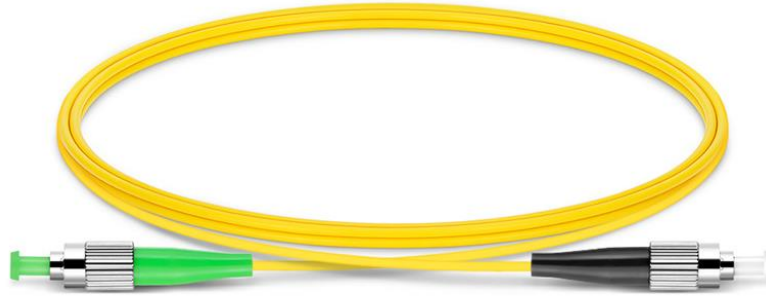


# Standard PM Fiber Patchcord Datasheet

Ideal for Fiber Optic Laser/Optical transmitters& Transceiver/Fiber I/O Ports.



## • Description

These fiber optic diaphragm cables maintain polarization using high quality narrow key ceramic FC/PC connectors at both ends. These cables are available off the shelf and have a high quality finish, which results in a typical 50 dB echo loss. OPTICO offers polarizing jumpers in a variety of wavelengths and connector types, and each cable manufactured at our facility is individually tested to ensure specified extinction ratios and insertion losses at fiber to fiber connections.

## • Features

- Polarization-Maintaining Fiber with FC/PC Connectors on Both Ends
- Available in Wavelength Ranges from 400 to 2200 nm
- Custom Connector and Length Options Available
- CE/CPR/ISO/ROHS ✓
- High and low temperature cycle test
- Stable data interchangeability

## • Cable structure



• Technical Specifications

Item	Parameter	
Wavelength(nm)	980*,1064*,1310*,1480 or 1550	
Connector Type	FC/UPC& SC/UPC	FC/APC & SC/APC
Typ. Insertion loss(dB)	0.3	0.4
Key Orientation	Slow Axis	
Max. Return Loss(dB)	50	60
Min. Extinction Ratio (dB)	23	
Max. Optical Power(CW)(mW)	300	
Max. Tensile Load	5	
Fiber Type	PM Panda Fiber	
Fiber Length Tolerance(%)	±10	
Operating Temperature(°C)	-5~+70	
Storage Temperature(°C)	-40~+85	

• IL is 0.1dB higher for short wavelength, including 980nm & 1064nm.

• Order information:

Wavelength(1 1)	Key Width(for FC)(2)	Connector type(3)	Fiber Jacket(4)	Fiber length(5)
55-1550nm	R-2.02mm	1-FC/UPC	B-250um Bare Fiber	1-1.0m
48-1480nm		2-FC/APC	D-400um Bare Fiber	S-Customized
31-1310nm		3-SC/APC	L-900um Loose Fiber	
06-1060nm		5-Ferrule UPC	T-900um Tight Buffer	
98-980nm		A-E2000/APC	C-3mm Cable	
S-specify		B-MPO/APC(SM 8F)	S-Customized	
		N-None		

• Tips:

In order to make the customers know us more, please visit our VR factory, it is just like you were really standing in our factory.

OPTICO Fiber Assemblies Production Line VR :<https://www.linked-reality.com/company/15555/en>