

1550nm High Power PM Fiber Patchcord

1550nm High Power PM Fiber Patchcord is built with PM Panda fiber, it's used for polarized light transmission and keep the light polarization maintaining, the termination connector can be FC, SC, LC. It's widely used in Fiber Communication, Fiber Optic Sensor, It features low insertion loss and high extinction ratio. The Handling Power can be up to 10W CW.

Application:

Fiber Communication
Fiber Optic Sensor
Testing System
Lab And Research

Features:

High Power
High Extinction Ratio
Low Insertion Loss
High Reliability



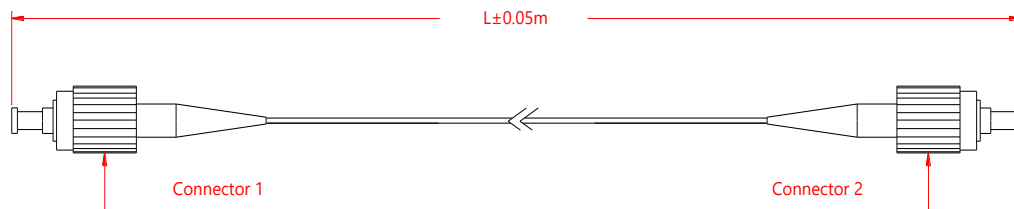
Optical Specification:

Parameter	Symbol	Value	Unit
Center Wavelength	λ	1550	nm
Typ. Insertion Loss	IL	0.3	dB
Max. Insertion Loss	IL	0.5	dB
Min. Extinction Loss	ER	20	dB
Min. Return Loss	RL	50 for UPC, 60 for APC	dB
Fiber Type		PM 1550 Panda Fiber	-
Connector Key Alignment		± 3	Degree
Tensile Load		5	N
Max. Optical Power	P	1, 3, 5, 10 or customized	W
Operating Temperature	T	-5~70	°C
Storage Temperature	T	-40~85	°C

Notice: Above specifications are tested at center wavelength in room temperature @23°C.

Slow axis is default aligned to the connector key.

Drawing:



Ordering Information (Part Number):

HPMF-**WWW**-**HH**-**J**-**LL**-**CC**-**CC**

WWW	HH	J	LL	CC	CC
Wavelength	Handling Power	Fiber Jacket	Fiber Length	Connector 1	Connector 2
1530 - 1530nm	01 - 1W	9 - 900um Loose Tube	05 - 0.5m	FA - FC/APC	NE - None
1550 - 1550nm	02 - 2W	2 - 2.0mm Loose Tube	10 - 1.0m	FU - FC/UPC	FA - FC/APC
1560 - 1560nm	03 - 3W	3 - 3.0mm Loose Tube	15 - 1.5m	SA - SC/APC	FU - FC/UPC
1570 - 1570nm	05 - 5W	A - Armoured Cable	20 - 2.0m	SU - SC/UPC	SA - SC/APC
1580 - 1580nm	10 - 10W		30 - 3.0m	LA - LC/APC	SU - SC/UPC
SSSS - Specify	SS - Specify		SS - Specify	LU - LC/UPC	LA - LC/APC
					LU - LC/UPC