

405nm PM Fiber Patchcord

405nm 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.

Application:

Fiber Communication
Fiber Optic Sensor
Testing System
Lab And Research

Features:

High Extinction Ratio
High Return Loss
Low Insertion Loss
High Reliability



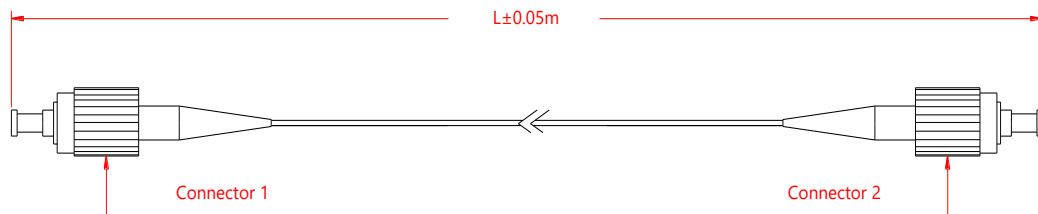
Optical Specification:

Parameter	Symbol	Value	Unit
Center Wavelength	λ	405	nm
Typ. Insertion Loss	IL	0.9	dB
Max. Insertion Loss	IL	1.5	dB
Min. Extinction Loss	ER	20	dB
Min. Return Loss	RL	50 for UPC, 60 for APC	dB
Fiber Type		PM-S405-XP Panda Fiber	-
Connector Key Alignment		± 3	Degree
Tensile Load		5	N
Max. Optical Power	P	300	mW
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):

PMFP-**WWW**-**J**-**LL**-**CC**-**CC**

WWW	J	LL	CC	CC
Wavelength	Fiber Jacket	Fiber Length	Connector 1	Connector 2
405 - 405nm	9 - 900um Loose Tube	05 - 0.5m	FA - FC/APC	NE - None
410 - 410nm	2 - 2.0mm Loose Tube	10 - 1.0m	FU - FC/UPC	FA - FC/APC
420 - 420nm	3 - 3.0mm Loose Tube	15 - 1.5m	SA - SC/APC	FU - FC/UPC
430 - 430nm	A - Armoured Cable	20 - 2.0m	SU - SC/UPC	SA - SC/APC
440 - 440nm		30 - 3.0m	LA - LC/APC	SU - SC/UPC
450 - 450nm		SS - Specify	LU - LC/UPC	LA - LC/APC
458 - 458nm				LU - LC/UPC
SSS - Specify				