

850nm High Power SM Fiber Patchcord

850nm High Power SM Fiber Patchcord is built with SM fiber, it's widely used in Fiber Communication, Fiber Optic Sensor, Optical Testing System, the termination connector can be FC, SC, LC, ST, the jacket diameter can be 0.9, 2.0, 3.0mm or armoured type. The Handling Power can be up to 10W CW.

Application:

Fiber Communication
Fiber Optic Sensor
Testing System
Lab And Research

Features:

Low Insertion Loss
High Return Loss
High Quality Ferrule
High Reliability

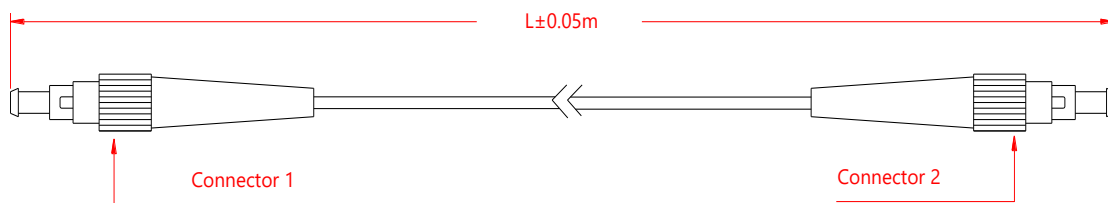


Optical Specification:

Parameter	Symbol	Value	Unit
Center Wavelength	λ	850	nm
Typ. Insertion Loss	IL	0.3	dB
Max. Insertion Loss	IL	0.5	dB
Min. Return Loss	RL	50 for UPC, 60 for APC	dB
Fiber Type		HI 780 fiber	-
Tensile Load		5	N
Max. Optical Power (CW)	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.

Drawing:



Ordering Information (Part Number):

HSMFP-**WWW**-**HH**-**J**-**LL**-**CC**-**CC**

WWW	HH	J	LL	CC	CC
Wavelength	Handling Power	Fiber Jacket	Fiber Length	Connector 1	Connector 2
800 - 800nm	01 - 1W	B - Bare Fiber	05 - 0.5m	FA - FC/APC	NE - None
808 - 808nm	02 - 2W	9 - 900um Loose Tube	10 - 1.0m	FU - FC/UPC	FA - FC/APC
810 - 810nm	03 - 3W	2 - 2.0mm Loose Tube	15 - 1.5m	SA - SC/APC	FU - FC/UPC
820 - 820nm	05 - 5W	3 - 3.0mm Loose Tube	20 - 2.0m	SU - SC/UPC	SA - SC/APC
830 - 830nm	10 - 10W	A - Armoured Cable	30 - 3.0m	LA - LC/APC	SU - SC/UPC
840 - 840nm	SS - Specify		SS - Specify	LU - LC/UPC	LA - LC/APC
850 - 850nm				SS - Specify	LU - LC/UPC
895 - 895nm					SS - Specify
SSS - Specify					