

1550nm AR-coating SM Fiber Patchcord

The 1550nm SM AR-coating Fiber Patchcord is special designed for lower the light back reflection from free space coupled to fiber or fiber to free space. The fiber patchcord termination connector could be FC, SMA connector or customized. Usually, the fiber patchcord will have one end AR-coated, and the AR-coated end will be well marked.

Applicati

Optical Signal
Transmission
Fiber Optic Sensor
Laser System

Features:

Low Reflectivity
High Return Loss
Low Insertion Loss
High Reliability



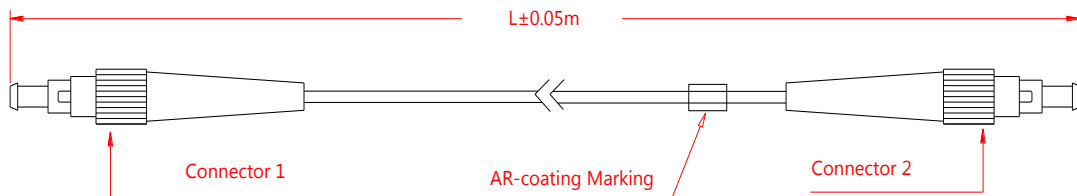
Specification:

Parameter	Symbol	Value	Unit
Center Wavelength	λ	1550	nm
Max. Insertion Loss	IL	0.5	dB
Max. Average AR-Coating Reflectivity	Ravg	0.5	%
Max. Durability		0.3	dB
Min. Plug Times (No AR-coated end)		1000	-
Fiber Type		SMF-28e fiber	-
Tensile Load		5	N
Max. Optical Power	P	300	mW
Operating Temperature	T	-40~75	°C
Storage Temperature	T	-40~85	°C

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

Specifications may change without notice.

Drawing:



Ordering Information (Part Number):

ARSMFP-**WWW**-**FF**-**J**-**LL**-**CC**-**CC**

WWW	FF	J	LL	CC	CC
Wavelength	Fiber Type	Fiber Jacket	Fiber Length	Connector 1	AR-coated Connector 2
1310 - 1310nm	S2 - SMF-28e fiber	9 - 900um Loose Tube	05 - 0.5m	NE - None	FA - FC/APC
1480 - 1480nm		2 - 2.0mm Loose Tube	10 - 1.0m	FA - FC/APC	FU - FC/UPC
1550 - 1550nm		3 - 3.0mm Loose Tube	15 - 1.5m 20 - 2.0m	FU - FC/UPC S9 - SMA905 SS - Specify	S9 - SMA905 SS - Specify

Notification:

1. AR-Coated end is only for free space application, it will easily damaged if mated or contacted with the other connector end.
2. If the AR-coated connector end surface is not clean, do not use a dry wipe to clean up, try it with compressed air is suggested.
3. Do not mate the two AR-coating end connector, it will increase the back reflections.