

1550nm AR-coating SM Fiber Patchcord

1550nm AR-coating SM Fiber Patchcord is special designed for lower the light back reflection and increase the transmission efficiency. The fiber patchcord termination connector could be FC, SC, LC, SMA connector or customized. Usually, the fiber patchcord will have one end AR-coated, and the AR-coated end will be well marked.

Application:

Fiber Communication
Fiber Optic Sensor
Testing System
Lab And Research

Features:

Low Reflectivity
Low Insertion Loss
High Quality Ferrule
High Reliability



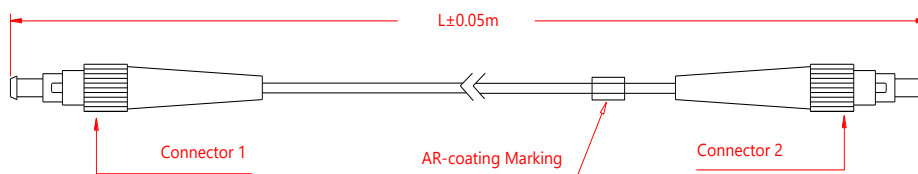
Specification:

Parameter	Symbol	Value	Unit
Center Wavelength	λ	1550	nm
Coating Bandwidth	Bw	± 50 or customized	nm
Typ. Insertion Loss	IL	0.3	dB
Max. Insertion Loss	IL	0.5	dB
Max. Average AR-Coating Reflectivity	Ravg	0.25	%
Fiber Type		SMF-28e fiber	-
Tensile Load		5	N
Max. Optical Power	P	500 or customized	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.

Specifications may change without notice.

Drawing:



Ordering Information (Part Number):

ASMFP-**WWW**-**J**-**LL**-**CC**-**CC**

WWW	J	LL	CC	CC
Wavelength	Fiber Jacket	Fiber Length	Connector 1	AR-coated Connector 2
1510 - 1510nm	B - Bare Fiber	05 - 0.5m	NE - None	FA - FC/APC
1530 - 1530nm	9 - 900um Loose Tube	10 - 1.0m	FA - FC/APC	FU - FC/UPC
1550 - 1550nm	2 - 2.0mm Loose Tube	15 - 1.5m	FU - FC/UPC	SA - SC/APC
1560 - 1560nm	3 - 3.0mm Loose Tube	20 - 2.0m	SA - SC/APC	SU - SC/UPC
1570 - 1570nm	A - Armoured Cable	30 - 3.0m	SU - SC/UPC	LA - LC/APC
1580 - 1580nm		SS - Specify	LA - LC/APC	LU - LC/UPC
SSSS - Specify			LU - LC/UPC	S9 - SMA905
			S9 - SMA905	SS - Specify
			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.