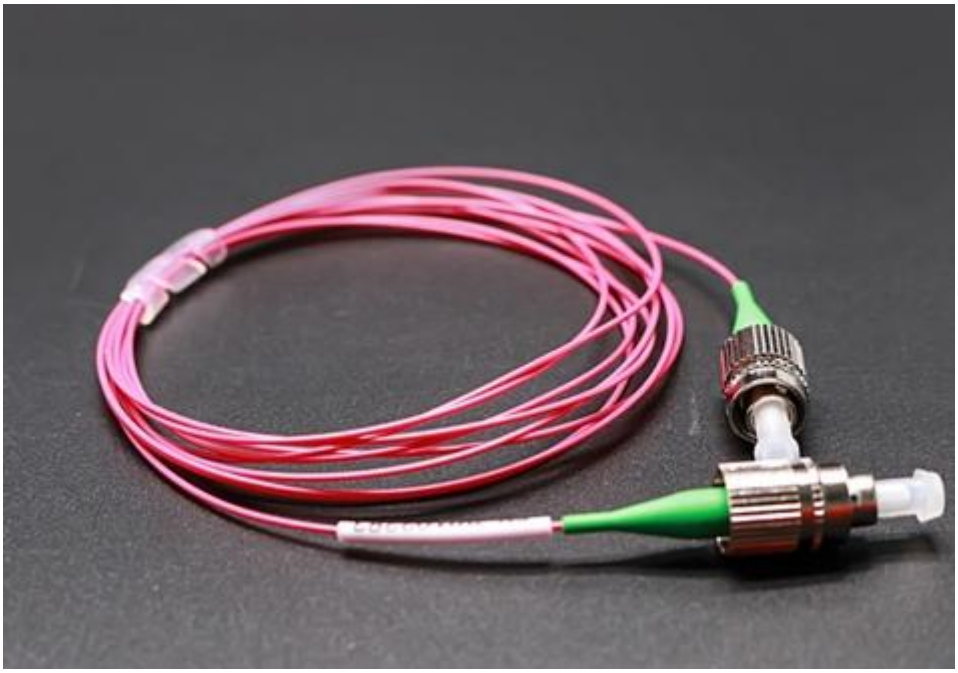
780nm AR-coated fiber optic patch cord



- ## Product Description

Fiber patch cords (also known as fiber connectors) are optical cables with connector plugs installed on both ends to achieve active connection of optical paths. Both ends of our fiber patch cords are high-quality, narrow-pin ceramic FC/AFC connectors. The fiber end faces of this fiber patch cord are coated with anti-reflection coating. Produced by our equipment, each patch cord is individually tested at the test wavelength listed on the specification label to ensure the extinction ratio and low back reflection (return loss) when connecting fibers to fibers.

Product features

Fiber endface AR coating、 Single AR coating、 Typical 60 dB return loss、 Ceramic ferrule, angled 8° (APC)、 Ø3 mm outer protective layer、 Custom patch cords available

Part Number

MP-FOJ-TAR-780-2-1-SA

Application area

Fiber optic communication system、Fiber optic access network、Fiber optic data transmission、 Fiber optic CATV、 Local area network (LAN)、 Test equipment、 Fiber optic sensor

Core parameters

Wavelength	Coating Type	Connector
780nm	AR coating	FC/APC

General Parameters

Parameter:

Test wavelength	780nm
Operating wavelength	770-1100nm

Cut-off wavelength	720 ± 50nm
Fiber type	HI780
Coating material	Fiber end face (with ceramic ferrule)
AR coating type	AR coating
Transmittance requirement	0.1-99.9%
Maximum insertion loss	0.5 dB
Mode field diameter	4.6±0.5um@780nm
Numerical aperture	0.14
Return loss	60 dB Typical
Fiber connector	FC/APC-FC/APC（FC/PC-FC/PC，FC/APC-FC/PC）optional
Fiber length	1M(Length can be customized)
Loose tube type	900um/2mm/3mmLoose tube optional
Operating temperature	0 to 70 °C
Storage temperature	-45 to 85 °C

Anti-reflection film coating curve: