

780/1550nm Single Mode Taper WDM FC/APC



- **Product Description**

The tapered wavelength division multiplexing product for optical communication has the advantages of low loss, low polarization-dependent loss, wide operating band and operating temperature range, and no glue in the optical path. This series of products can be used in wavelength division multiplexing systems, optical fiber sensing systems, and optical fiber optical detection equipment.



● Product features

Wide operating wavelength range & wide temperature range、 Low insertion loss、 Low polarization-dependent loss and polarization mode dispersion、 High reliability and stability

● Part Number

MP-WDM-780/1550-SA

● Application area

WDM systems、 Fiber optic sensing systems、 Fiber optic equipment、 Fiber lasers

● Core parameters

Working Wavelength	Dimensions
780/1550nm	Φ3.0x54mm

● General Parameters

Main Parameters:

Parameters	Unit	Value	Note
Operating wavelength	nm	780/1550	
Max. insertion loss	dB	0.6	Port3→Port1
Max. insertion loss	dB	1.5	Port3→Port2
Min. isolation	dB	17	Port3→Port1
Min. isolation	dB	17	Port3→Port2
Min. directivity	dB	50	
Connector type	FC/APC		
Fiber type	Port2 HI780 Port 1/3 SMF-28e		900um Loose tube
Fiber length	m	1	
Max. power	mW	500	
Max. tensile load	N	5	
Operating temperature	°C	-5 to +70	
Storage temperature	°C	-40 to +85	
Dimensions	mm	Φ3.0x54	

Port 1 :1550nm