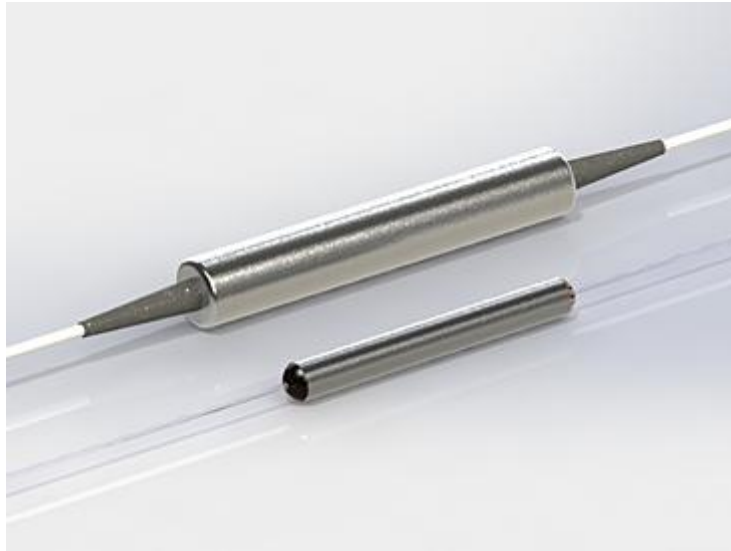


793/2000nm Single-Mode Taper Wavelength Division Multiplexer FC/PC



● Product Description

Idealphotonics' tapered wavelength division multiplexing products for optical communications have 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, fiber optic sensing systems, and fiber optic optical detection equipment.

● Part Number

NIR-WDM-W7920-1-9-SP

● Product features

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

● Application area

WDM system、 Fiber sensing system、 Fiber equipment、 Fiber laser

● Dimensional Drawing



Parameters

Structure	Unit	Value	Notes
Central wavelength (nm)	nm	793/2000	Other wavelengths can be customized
Insertion loss	dB	≤0.5	12004nm, 3mw, DFB
Isolation	dB	≥16	@25 degrees Celsius
Operating bandwidth	nm	±20	Full temperature: -40-+75°C
Polarization-dependent loss	dB	≤0.1dB	
Wavelength-dependent loss	dB	≤0.2dB	
Fiber type	N/A	HI780/SM1950	Other fiber types are available
Polarization film dispersion	Ps	< 0.25	
Polarization dispersion	Ps	< 0.05	
Return loss (incoming/outgoing)	dB	>55dB	
Maximum operating power	mW	500	
Operating temperature	°C	- 5- 70°C	
Storage temperature	°C	- 40- 85°C	
Test light source		1550nm benchtop light	
Package size (mm)		As shown below	

Note:

*.All indicators are without connectors and are only valid at the above wavelengths, polarization states and temperatures.

**.Indicators are subject to change without prior notice.

Ordering Information

NIR-WDM- W□□□□ -☆-△-XX

W□□□□: Wavelength

9815:980/1550nm

7920:793/2000nm

☆: Pigtail Length

05: 0.5m

1: 1m

10: 10m

△: Loose Tube

B: Bare Fiber

9: 900um Loose Tube

20: 2mm Loose Tube

30: 2mm Loose Tube

XX: Fiber and Connector Type

SA=SM1950+ FC/APC

SP= SM1950 + FC/PC