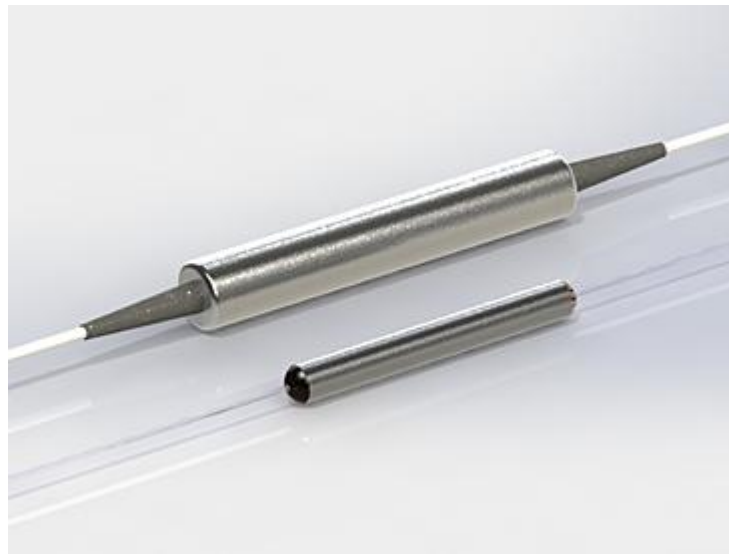


980-1030nm Single-Mode Taper Wavelength Division Multiplexer FC/APC



● 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-W9810-1-9-SA

● 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	1×2		
Type		Special Fused WDM(SFW)		
Operating wavelength	nm	1434/1470	980/1060	1033/1083
Operating bandwidth	nm	1432-1435/1468-1471	975-985/1055-1065	-
Max insertion loss	dB	0.30	0.30	0.45
Isolation	dB	≥15.00	≥16.00	≥18.00
PDL	dB	≤0.10	≤0.08	≤0.10
Return loss	dB	≥50.00		
Directivity	dB	≥55.00		
Operating temperature	Deg.	-5-75		
Storage temperature	Deg.	-40-85		
Fiber length	m	1.00±0.10		
Fiber type		SMF-28E/PM1550 Hi1060/PM 980	SMF-28E/PM1550 Hi1060/PM 980	
Fiber diameter	um	250/900		900/2000/3000
Package size	mm	3×54		90×16×10

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

3470:1434/1470nm

9810:980/1060nm

3383:1030/1083nm

☆: 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=Corning HI 1060 &SMF-28E+ FC/APC

SP= Corning HI 1060 &SMF-28E + FC/PC