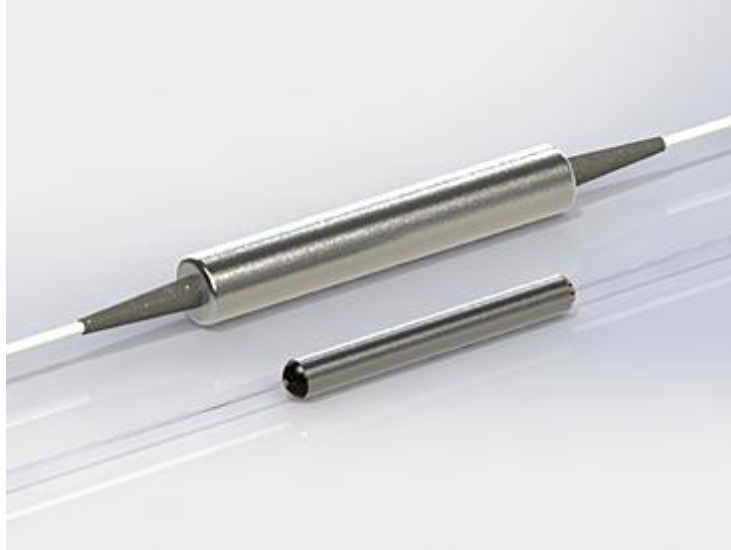


980/1064nm Single-mode Fiber Conical Wavelength Division Multiplexer FC/PC



● Product Description

Idealphotonics' optical communication tapered wavelength division multiplexing products feature low loss, low polarization-dependent loss, wide operating bandwidth, and temperature range, with glue-free optical paths. These products are ideal for use in wavelength division multiplexing systems, fiber optic sensing systems, and optical fiber detection equipment.

● Part Number

NIR-WDM-W9810-1-9-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	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	0.3	0.3	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 980	Hi1060/PM
Fiber Diameter	um	250/ 900		900/ 2000/ 3000
Package Size	mm	3 ×54		90×16×10

*. The specifications are provided without connectors and are valid only at the above wavelengths, polarization states, and temperatures.

**. Specifications may change without notice.

Ordering info

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