

1434/1470nm Single-mode Fiber Tapered Wavelength Division Multiplexer FC/APC



- **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.

- **Product features**

Wide operating wavelength range & broad temperature range 、 Low insertion loss、 Minimal polarization-dependent loss and polarization mode dispersion、 Extremely high reliability and stability

- **Part Number**

MP-WDM-1434/1470-SA

- **Application area**

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

- **Core parameters**

Wavelength	Isolation	Connector
1434/1470nm	16dB	FC/APC

- **Dimension Drawing**



● General Parameters

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

MP-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