

Filter Type WDM (FWDM)

Features

Low insertion loss
High extinction ratio
High stability & Reliability

Applications

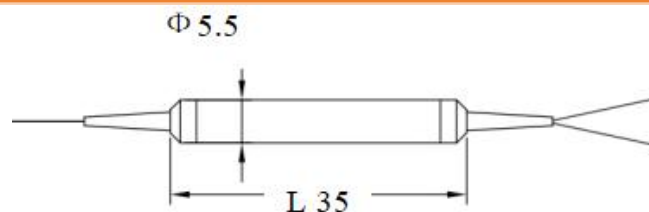
Fiber Amplifier
Fiber sensor
Fiber Laser Marking
Laboratory R&D

Parameter	1570/2000	Unit
Pass band wavelength	1950~2050	nm
Reflection band wavelength	1560~1580	nm
Transmission insertion loss	≤ 0.8	dB
Reflection insertion loss	≤ 0.8	dB
Transmission channel isolation	≥ 25	dB
Reflection channel isolation	≥ 12	dB
Directivity	≥ 50	dB
Return loss	≥ 50	dB
PDL	≤ 0.1	dB
Insertion loss thermal stability	≤ 0.005	dB/ °C
Power handling	≤ 500	mW
Operating temperature	-5 ~ +70	°C
Storage temperature	-40 ~ +85	°C
Dimensions	$\Phi 5.5 \times L35$	mm
Fiber type	Corning SMF-28e	-

*The above specifications are without connectors, Other specifications can be made on customer request.

**The specification of filter type multi-mode WDM is based on IEC standard fiber mode filter. If testing without fiber mode filter, IL will be 0.1dB higher

Mechanical Dimension



Ordering Information

specification	GCFWDM
Package size	5.5× 35 etc
Connector	FC/APC, SC/APC etc
Fiber code	000=SMF-28e, 001= HI1060, 002=50/125, 003=62.5/125, 999=others
Pigtail type	0=250um, 1=900um, 2=2mm, 3=3mm, 4=others
Reflection wavelength	Specify
Transmission wavelength	Specify
Port	Port: 1×2 etc.