

Filter Type Multi-Mode Splitter (FMMC)

Features

Low insertion loss
High extinction ratio
High stability & Reliability

Applications

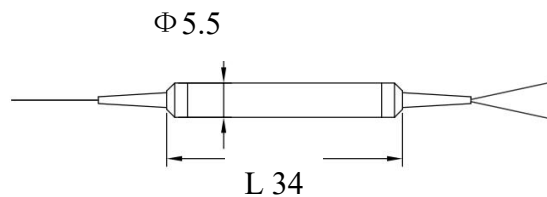
Fiber Amplifier
Fiber sensor
Fiber Laser Marking
Laboratory R&D

Parameter		FMMC		Unit
Operating wavelength		850 or 1310, others on request	850 and 1310, others on request	nm
Operating bandwidth		±50		nm
Insertion loss	50/50	≤3.9/3.9	≤4/4	dB
	10/90	≤11.3/1.1	≤11.5/1.3	dB
	5/95	≤14.5/0.9	≤14.5/1.1	dB
Directivity		≥35		dB
Return loss		≥30		dB
PDL		≤0.1		dB
Power handling		≤500		mW
Operating temperature		-5 ~ +70		°C
Storage temperature		-40 ~ +85		°C
Dimensions		Φ5.5× L34		mm
Fiber type		50/125 or 62.5/125 Corning multi-mode fiber		

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

*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 0.3dB higher

Mechanical Dimension



Mechanical Dimension

specification	GCFMMC
Package size	5.5×34 etc
Connector	FC/APC、SC/APC etc
Fiber code	002=50/125 003=62.5/125 999=others
Pigtail type	0=250μm, 1=900μm, 2=2mm, 3=3mm,4=others
Central wavelength	1/99, 50/50 etc
Operating wavelength	850nm, 1310nm, 850&1310nm
Port	Port: 1×2 etc.