

Gain Flattening Filter + Isolator Hybrid



This is single component solution for gain flattening and isolation. It enables both in-line compensation of gain flattening of EDFA and blocking of back scattered light power.

Parameters		Unit	
Wavelength Range		nm	C Band : 1528-1565 L Band : 1750-1610
Peak Insertion Loss	max	dB	1.0
Peak to Peak Error Function *	max	dB	0.8
In-Band Isolation (23°C, all SOP)	min	dB	28
In-Band Isolation (Over temp., all SOP)	min	dB	22
Optical Return Loss	min	dB	55
Thermal Wavelength Shift	max	pm/ °C	2
Polarization Dependent Loss	max	dB	0.1
PMD	min	ps	0.2
Operating Temperature		°C	0 ~ +70
Maximum Power Handling		mW	500

* Values may change with different customer loss curves.

Ordering Information

MGFF - a - b - c - d

- a : C=C Band / L=L Band
- b (Fiber type) : 1=250um bare fiber / 900um loose tube
- c (Connector Type) : 1=FC-PC / 2=SC-PC / 3=FC-APC / 4=SC/APC / 5=ST / 6=LC / 7=None
- d (Fiber Length) : 1=1m / 2=2m

RoHS Compatible