



Gain Flattening Filter-Isolator Hybrid

FEATURES

- Wide Operating Wavelength Range
- Low Insertion Loss
- Flat Spectral Gain
- High Stability and Reliability
- Epoxy Free Optical Path

APPLICATION

- Fiber optic Amplifiers

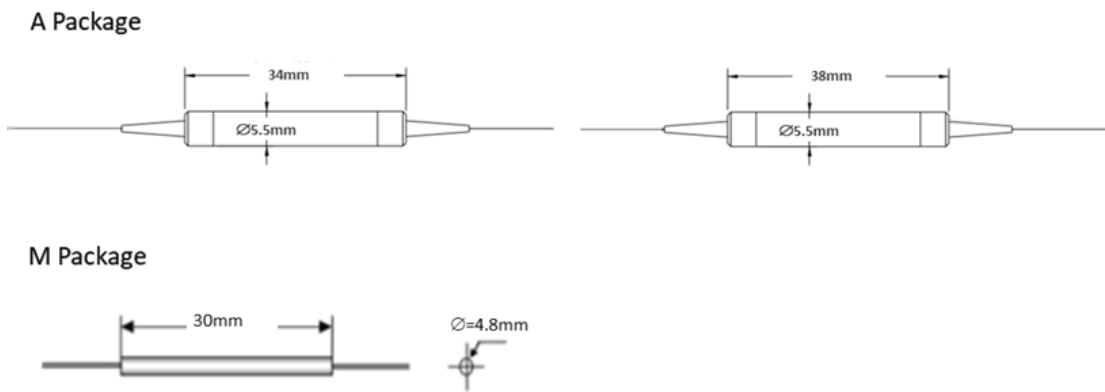
PERFORMANCE SPECIFICATIONS

Parameter	Specifications	
Isolator Stage	Single	Dual
Operating Wavelength	C-Band: 1528 -1565nm or custom; L-Band: 1570 – 1610nm or custom	
Insertion Loss	≤ 1.0dB	≤ 1.1dB
Modulation Depth	1 - 3dB	3.1 - 6dB
Peak to Peak Error Function	≤ 0.50dB	≤ 0.80dB
Isolation	≥ 28dB	≥ 45dB
Polarization Dependent Loss (PDL)	≤ 0.10dB	
Return Loss	≥ 50dB	
Optical Power	≤ 500mW	
Operating Temperature	0 to +70°C	
Storage Temperature	-40 to +85°C	
Package Dimensions	A=Standard, Ø 5.5 x L34mm for bare fiber Ø 5.5 x L38mm for 900um fiber M=Compact, Ø4.8xL30 (250um bare fiber)	

All values referenced are without connector.

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MECHANICAL DIMENSIONS



PORT CONFIGURATIONS



ORDERING INFORMATION

Stage	Operating Wavelength	Package	Fiber Type*	Pigtail Style	Fiber Length	In Connector	Out Connector	Modulation Curve Code
S=Single stage	C=C band	A=A package	2=SMF-28 Ultra (G.657.A1)	1=Bare fiber	05=0.5m	0= None	0= None	
U=Dual stage	L=L band	M=Compact Package	3=ClearCurve ZBL(G.657.B3)	2=900um loose tube	10=1.0m	1= FC/APC	1= FC/APC	
					·	2= FC/PC	2= FC/PC	
					·	3= SC/APC	3= SC/APC	
					·	4= SC/PC	4= SC/PC	
					20=2.0m	5= ST	5= ST	
						6= LC/UPC	6= LC/UPC	
						7= LC/APC	7= LC/APC	

*1=SMF-28(G.652) is available upon request.