Optizone Polarization Insensitive Fiber Optic Circulator

Features

Low Insertion Loss & PDL
High Channel Isolation
Optical Path Epoxy Free
Telcordia Compliant

Applications

Optical Amplifiers
FBG Applications
Dispersion Compensation
Fiber Sensors

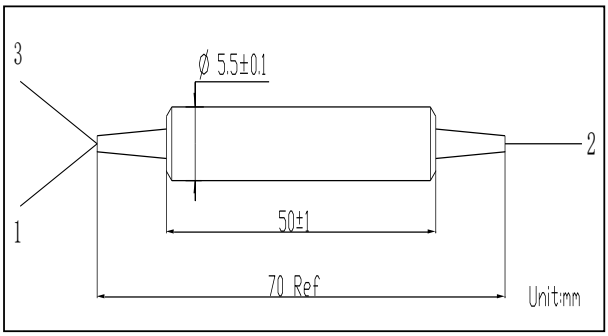
Specifications

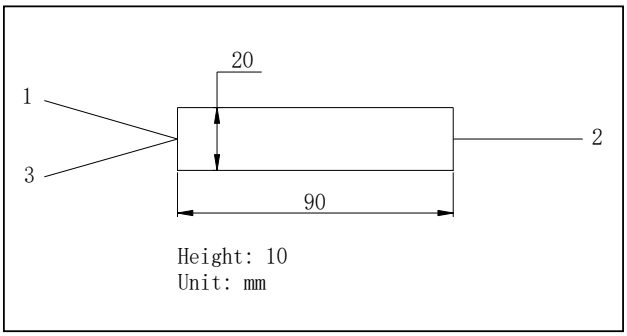
Parameter	Unit	Values			
Center Wavelength	nm	1310	1550	C&L	1610
Operating Wavelength Range	nm	±30	±30	1525~1610	±30
Typ. Insertion loss(1→2, 2→3)	dB	0.6			
Max. Insertion loss(1→2, 2→3)	dB	0.8			
Typ. Isolation(3→2, 2→1)	dB	50			
Min. Isolation(3→2, 2→1)	dB	40			
Max. PDL	dB	0.15			
Max. PMD	ps	0.1			
Min. Return loss	dB	50			
Min. Cross talk	dB	50			
Max. Optical Power (CW)	mW	500			
Max. Tensile Load	N	5			
Fiber Type	-	SMF-28e Fiber			
Operating Temperature	℃	0 to +70			
Storage Temperature	℃	-40 to +85			
Package Dimensions	mm	dia 5.5 x 50 (Bare fiber or 900um Loose Tube)			
		90x20x10 (2.0mm or 3.0mm Cable)			

*Above specifications are for device without connector, and testing at 23℃.

*For devices with connectors, IL will be 0.3dB higher and RL will be 5dB lower.

Package Dimensions





Ordering Information

FCIR-①①-②-③③③-④④④-⑤-⑥⑥

①①: Wavelength
31 - 1310nm
55 - 1550nm
CL - C&L Band
61 - 1610nm
SS - Specify

②: Port Type
1 - 1x2

③③③: Connector Type on Port 1, 2 & 3
1A- FC/UPC
2A - FC/APC
3D - SC/UPC
4D - SC/APC
N - None
S - Specify

④④④: Fiber Jacket on Port 1, 2 & 3
B - Bare Fiber
E - 900um Losse tube (Black)
F - 900um Losse tube (White)
R - 3mm Cable (Blue)
S - Specify

⑤: Fiber Length
1 - 1.0m
S - Specify

⑥⑥: Package Dimensions
03 - Ø5.5x50
82 - 90x20x10