1310-1550nm Polarization Independent Optical Circulator(±30nm)

Features

Low insertion loss
Low polarization dependent loss
High channel Isolation

Application

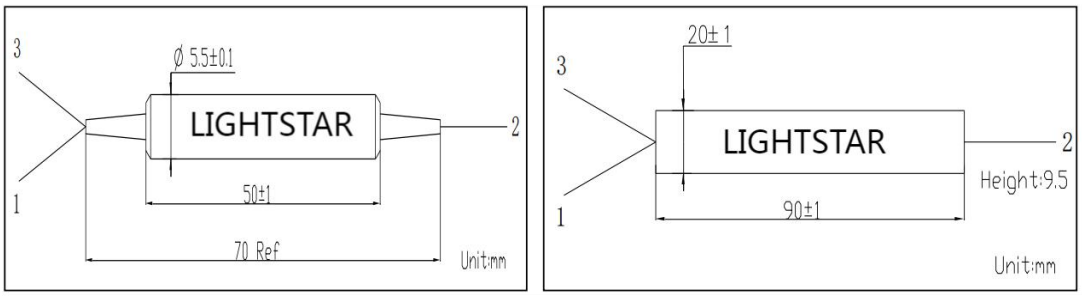
Optical bragg grating
Optical fiber amplifier
Fiber optic sensor

Specifications

Parameter	Unit	Value			
Central wavelength	nm	1310	1550	C&L	1610
Bandwidth	nm	±30	±30	1525~1610	±30
Typical insertion loss(1→2, 2→3)	dB	0.6			
Maximum insertion loss(1→2, 2→3)	dB	0.8			
Typ isolation(3→2, 2→1)	dB	50			
Minimum isolation (3→2, 2→1)	dB	40			
Polarization dependent loss	dB	0.15			
Maximum polarization mode dispersion	ps	0.1			
Minimum return loss	dB	50			
Crosstalk	dB	50			
Power(CW)	mW	500			
Maximum 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)			

When using the Connector, the processing power is only 1W, the Insertion loss is 0.3dB higher, the return loss is 5dB lower, and the extinction ratio is 2dB lower. The Connector key is aligned with the slow axis.

Package dimensions



Ordering information

FCIR-①①①①-②-③-④-⑤-⑥

①①①①:Wavelength
1310=1310nm
1550=1550nm
SSSS=Specify

②:Length
H=0.5m
1= 1.0m
S=Specify

③:Package dimensions
G=5.5x50
S=Specify

④:Pigtail type
1=250um bare fiber
2=900um loose tube
S=Specify

⑤:Connector
0=None
1=FC/UPC
2=FC/APC
S=Specify

⑥:Fiber type
008=SMF-28e Fiber
S=Specify