

850nm Polarization Independent Circulator

Features

- Low insertion loss
- High isolation
- Excellent environmental stability

Application

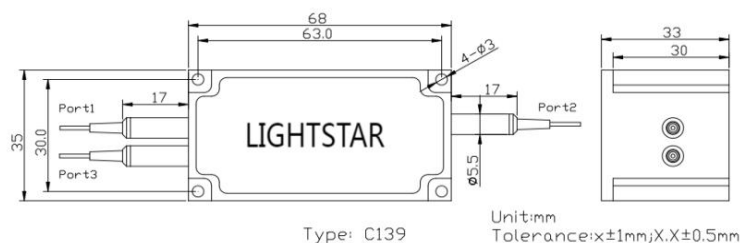
- Erbium doped fiber amplifiers&Raman fiber amplifiers
- Coherent communication system&Both way Pump system
- Fiber optic sensor&Dispersion compensation device

Specifications

Parameter	Unit	Value
Central wavelength	nm	850
Bandwidth	nm	±10
Maximum insertion loss(1→2,2→3)	dB	1.8
Minimum isolation (3→2, 2→1), 23℃	dB	23
Minimum return loss	dB	45
Minimum crosstalk	dB	45
Maximum polarization dependent loss	dB	0.25
Maximum power (CW)	mW	500
Maximum load	N	5
Fiber type	-	Corning HI 780 Fiber
Operating temperature	℃	10 to +50
Storage temperature	℃	0 to +60

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



Type: C139

Unit:mm
Tolerance:x±1mm;X.X±0.5mm

Ordering information

FCIR-①①①①-②-③-④

①①①① : Wavelength

0850 = 850nm

SSSS= Specify

②: Connector

0=None

1=FC/UPC

2=FC/APC

S=Specify

③: Pigtail type

1=250um bare fiber

2=900um loose tube

S=Specify

④ : Length

H=0.5m

1= 1.0m

S=Specify