

850nm Polarization Insensitive Optical Circulator

Product Features

- High performance
- Low Insertion Loss
- High Return Loss

Product Applications

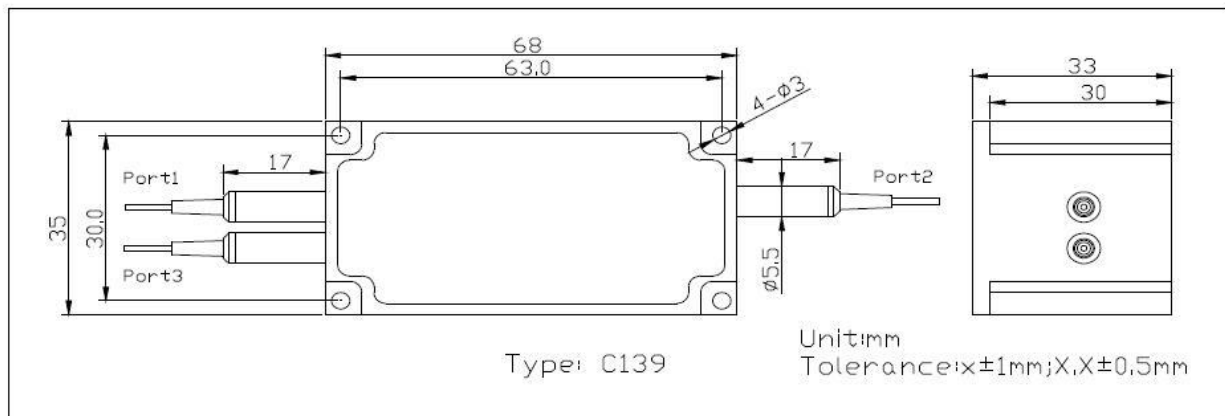
- Communication Systems
- Test Instrumentations
- EDFA
- transmitters

Specifications

Parameter	Unit	Value
Center Wavelength (λ_c)	nm	850
Operating Wavelength Range	nm	± 30
Max. Insertion loss(1 \rightarrow 2,2 \rightarrow 3)	dB	1.8
Min. Isolation, (3 \rightarrow 2, 2 \rightarrow 1), 23 $^{\circ}$ C	dB	18
Min. Return loss	dB	45
Min. Cross talk	dB	45
Max.Polarization Dependent Loss	dB	0.25
Max. Optical Power (CW)	mW	500
Max. Tensile Load	N	5
Fiber Type	-	Corning HI 780 Fiber
Operating Temperature	$^{\circ}$ C	10 to +50
Storage Temperature	$^{\circ}$ C	-20 to+75

* Above specifications are for devices without connectors

* IL is 0.3 dB higher, RL is 5 dB lower for each connector added.Optical Power will be 1W only with connector added.



Ordering Information					
CIR	Wavelength	Handling power	Pigtail Type	Fiber Length	Connector
1x2	850nm Specify	300mW 500mW Specify	250um bare fiber 900um loose tube Specify	0.5m 1m 1.5m 2m Specify	N=None FC/APC FC/UPC SC/APC SC/UPC LC/UPC Specify