

Features

Low Insertion Loss&PDL
 High Channel Isolation
 Smallest Package Size
 Excellent Environmental Stability

Applications

Wavelength Selective Switch
 Optical Amplification
 Telecommunication Systems
 Fiber Optic Sensor

Specifications

Parameter	Unit	Value
Center Wavelength	nm	1550
Operating Wavelength Range	nm	±20
Typ. Insertion Loss at -5 to +70°C	dB	0.7
Max. Insertion Loss at -5 to +70°C	dB	0.8
Typ. Isolation at 23°C	dB	55
Min. Isolation at 23°C	dB	50
Min. Return Loss at 23°C	dB	50
Min. Cross Talk at 23°C	dB	50
Max. PDL at -5 to +70°C	dB	0.2
Max. PMD at -5 to +70°C	ps	0.1
Max. Optical Power (CW, total)	mW	500
Max. Tensile Load	N	5
Fiber Type	-	SMF-28e Fiber
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

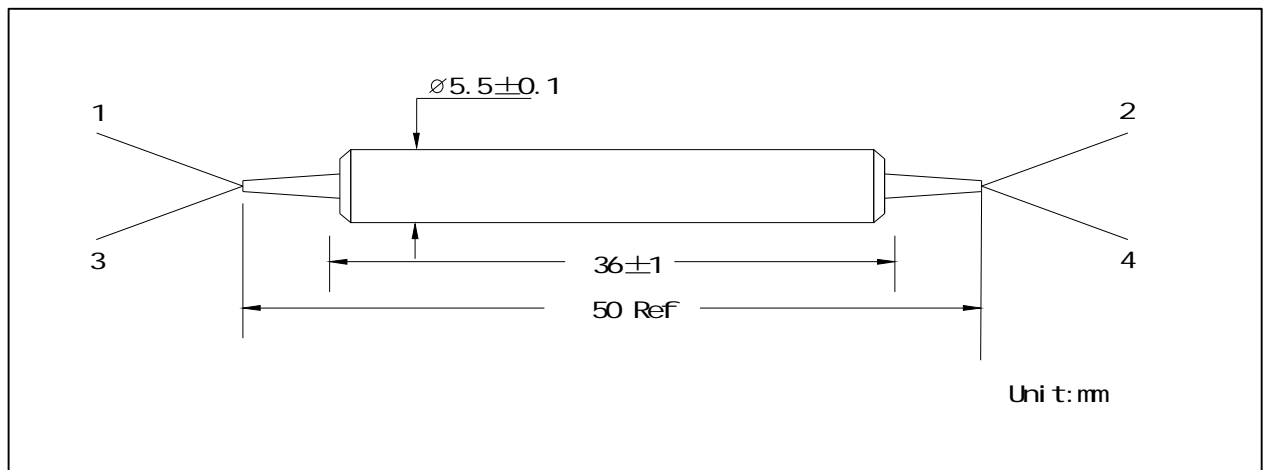
*Above specifications are for device without connector.

*The optical path is 1→2, 2→3, 3→4.

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

*The material is RoHS compliant.

Package Dimensions



Ordering Information

FCIR-①①-②-③③③③-④④④④-⑤

①①: Wavelength

55 - 1550nm

SS - Specify

②: Port

2 - 2x2

③③③③: Connector Type on Port 1, 2, 3 & 4

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

④④④④: Fiber Jacket on Port 1, 2, 3 & 4

B - 250um Panda Fiber

L - 900um loose tube

S - Specify

⑤: Fiber Length

1 - 1.0m

S - Specify