

Mini size Polarization Insensitive Optical Circulator

Features:
High isolation & High Return Loss Low insertion loss & PDL Optical Path Epoxy Free
Application:
Fiber Sensing Module

Specifications:

Parameter	Type	3 Port
Configuration		Port 1 to Port 2;Port 2 to Port 3
Operating wavelength (nm)		1310,1550 (+/-30)
Typ. Peak Isolation		50
Isolation ($\lambda_c, 23^\circ\text{C}$ all SOP) (dB)		≥ 40
Insertion Loss ($\lambda_c, 23^\circ\text{C}$ all SOP) (dB)		≤ 1.0
PDL (dB)		≤ 0.15
Return loss (dB)		≥ 50
PMD (ps)		≤ 0.1
Directivity		≥ 50
Power handling (mW)		≤ 500
Fiber Type		SMF-28e
Operating temperature ($^\circ\text{C}$)		0 ~ +70
Storage temperature ($^\circ\text{C}$)		-40 ~ +85
Package Dimensions (mm)	For bare fiber	$\Phi 3.8 \times L30$

*Above specifications are for devices without the connectors.

Ordering Information:

FCIR	wavelength	Type	00	Package	Pigtail Type	Length	Connector
FCIR	1310=1310nm 1550=1550nm	3=3Port	00	5=3.8xL30	1=250um bare fiber	H=0.5m 8=0.8m 1=1.0m S=Specify	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 6=LC/UPC 7=LC/APC S=Specify