

Compact Polarization Insensitive Optical Circulator

Features:

- Compact Design
- Low Insertion Loss
- High Isolation
- Ultra Low PDL & PMD
- Epoxy-Free in Optical Path
- RoHS Compliant

Applications:

- WDM PON
- FBG Applications
- Fiber Optic Instrument
- EDFA
- Dispersion Compensation



Specifications¹:

Parameter	Unit	Grade ² P ²	Grade ² A ²
Type		3-Port	
Central Wavelength (l c)	nm	1310, 1550 or 1590	
Isolation (l c+/-20nm, 23°C, 2-1 or 3-2)	Min.	40	
	Typ.	50	
Insertion Loss (l c+/-20nm, 0~70°C, All SOP)	Max.	0.60	0.80
WDL	Max.	0.20	
Directivity	Min.	50	
PDL (l c, 0~70°C)	Max.	0.10	0.15
PMD	Max.	0.10	
Return Loss	Min.	50	
Fiber Length	Min.	1.0	
Fiber Type		Corning SMF-28e	
Tensile Load	Min.	N	5
Power Handling	Max.	mW	500
Operating Temperature		°C	0~70
Storage Temperature		°C	-40~85
Package Dimension		mm	(F)5.5 (L)38.0

1. Values referenced without connectors.

Dimension:

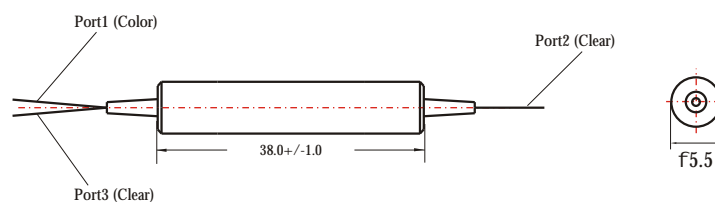


Figure 1. Compact Polarization Insensitive Optical Circulator

Order Information:

KSCR - C - $\frac{X}{A}$ - $\frac{XXXX}{B}$ - $\frac{XX}{C}$ - $\frac{XXXX}{D}$ - $\frac{XX}{E}$

A	Grade	P=Grade ² P ² A=Grade ² A ²
B	Central Wavelength	1310=1310nm 1550=1550nm 1590=1590nm
C	Type	03=3-port
D	Fiber Type	250S=250mm bare fiber 900L=900mm loose tube
E	Connector	NN=W/O connector XY=With connector ¹

1. Please specify the type of connector as below when ordering.

Mechanical Type	Other	SC	FC	ST	MU	LC
X	0	1	2	3	4	5
Physical Contact Type	Other	PC	UPC	APC		
Y	0	1	2	3		