

Polarization Insensitive Optical Circulator

Features:

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

Applications:

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



Specifications¹:

Parameter	Unit		Grade ² A ²
Type			3-Port
Central Wavelength (λ c)	nm		1310, 1550 or 1590
Isolation (1 c+/-20nm, 23°C, 2-1 or 3-2)	Min.	dB	40
	Typ.		50
Insertion Loss (1 c+/-20nm, 0~70°C, All SOP)	dB		0.80
WDL	Max.	dB	0.20
Directivity	Min.	dB	50
PDL (1 c, 0~70°C)	Max.	dB	0.15
PMD	Max.	ps	0.10
Return Loss	Min.	dB	50
Fiber Length	Min.	m	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)60.0

1. Values referenced without connectors.

Dimension:

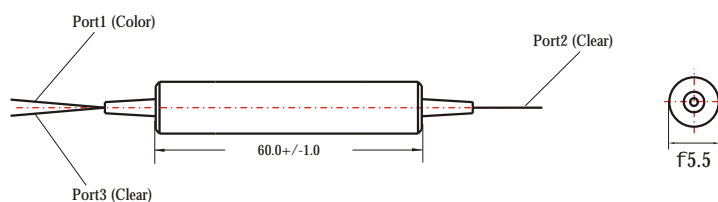


Figure 1. Polarization Insensitive Optical Circulator

Order Information:

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

A	Grade	A=Grade ² A ²
		1310=1310nm
B	Central Wavelength	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		