

# Polarization Insensitive Optical Circulator

## Features:

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

## Applications:

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



## Specifications<sup>1</sup>:

Parameter	Unit	Grade "A"	Grade "B"
Type <sup>1</sup>		3-Port	
Central Wavelength ( $\lambda_c$ )	nm	1310 or 1550	
Isolation ( $\lambda_c \pm 20$ nm, 23 °C, 2-1 or 3-2)	Min.	40	
	Typ.	50	
Insertion Loss ( $\lambda_c \pm 15$ nm, 23 °C)	Typ.	0.6	0.8
Insertion Loss ( $\lambda_c \pm 20$ nm, 0~70 °C, AllSOP)		0.8	1.0
WDL	Max.	0.20	0.20
Directivity	Min.	50	50
PDL	Max.	0.15	0.20
PMD	Max.	0.1	0.1
Return Loss	Min.	50	50
Fiber Length	Min.	1.0	
Tensile Load	Min.	5	
Power Handling	Max.	500	
Operating Temperature	°C	0~70	
Storage Temperature	°C	-40~85	
Package Dimension	mm	$(\phi)5.5 \times (L)60.0$	

1. Values referenced without connectors.

**Dimension:**

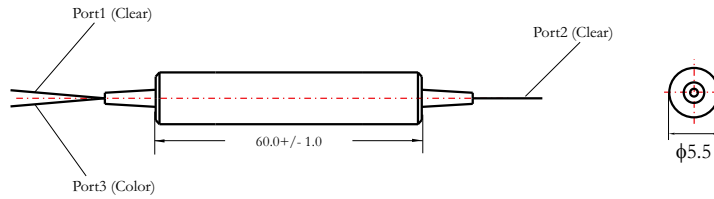


Figure 1. Polarization Insensitive Optical Circulator

**Order Information:**

KSCR - X - XXXX - XX - XXXX - X  
           |      |      |      |      |  
           A      B      C      D      E

A	Grade	A=Grade "A"
		B=Grade "B"
B	Central Wavelength	1310=1310 nm
		1550=1550 nm
		1590=1590 nm
C	Type	03= 3-port
D	Fiber Type	250S=250 μm bare fiber
		900L=900 μm loose tube
E	Connector	N=W/O connector
		Y=With connector <sup>1</sup>

1. Please specify the type of connector when ordering.