



Broadband 1310 nm 3-Port Circulator (GK-FCIR Series)

● Description

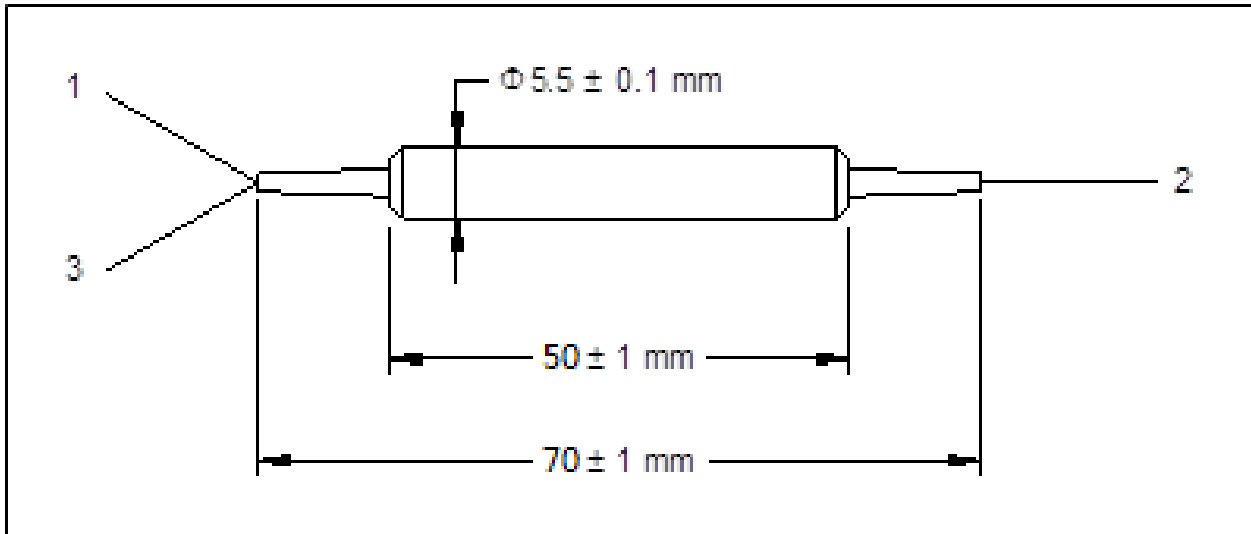
The Circulator is a compact, high performance light wave component that routes incoming signals from port 1 to port 2, and port 2 to port 3. The component provides high isolation, low insertion loss, high extinction ratio, and excellent environment stability.

● Specifications

Parameter	Unit	Value
Center Wavelength (λ_c)	nm	1310
Operating Wavelength Range	nm	± 50
Max. Insertion Loss	dB	1
Min. Isolation, 23 °C	dB	35
Max Crosstalk	dB	55
Max. Return Loss	dB	55
Max. Polarization Dependent Loss	dB	0.1
Max. Polarization Mode Dispersion	ps	0.1
Max. Optical Power	mW	300
Max. Tensile Load	N	5
Operating Temperature	°C	- 5 to + 70
Storage Temperature	°C	- 40 to + 85
Fiber Type	-	SMF-28

¹IL is 0.3 dB higher and RL is 5 dB lower for each connector added.

● Package Dimensions



● Ordering Information

GK-FCIR-①-②-③-④

①: Wavelength

31 - 1310 nm

②: Connector Type

1 - FC/UPC 4 - SC/APC

2 - FC/APC N - None

3 - SC/UPC S - Specify

③: Fiber Type

B - 250 μ m Bare Fiber

L - 900 μ m Loose Tube

S - Specify

④: Fiber Length

1 - 1.0 m

S - Specify