

3-port Optical Circulator L-band : YC-1100-159



Features

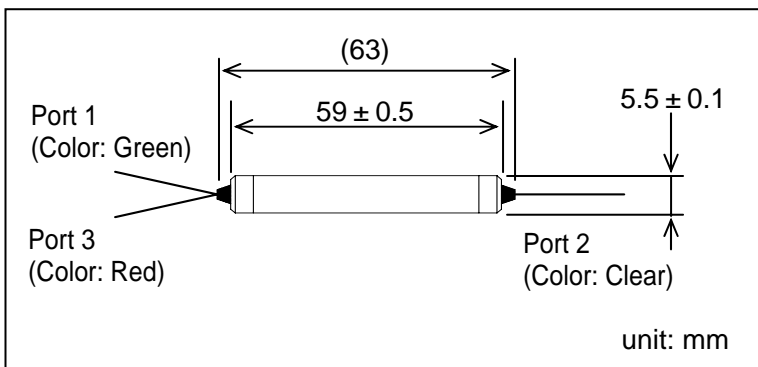
- Low insertion loss
- Compact size
- Polarization Independent
- High reliability

Specifications

Item	Port	Min	Max	Conditions
Insertion Loss	P1 – P2		0.7dB	@23degC, 1590nm
	P2 – P3		0.9dB	To, 1570 – 1610nm
Polarization Dependent Loss	P1 – P2 P2 – P3		0.10dB	To, 1570 – 1610nm
Isolation	P2 – P1	50dB		@23degC, 1590nm
	P3 – P2	38dB		To, 1570 – 1610nm
Polarization Mode Dispersion	P1 – P2 P2 – P3		0.1ps	To, 1570 – 1610nm
Directivity	P1 – P3 P3 – P1	50dB		To, 1570 – 1610nm
Return Loss	All Port	50dB		To, 1570 – 1610nm
Max. Incident Power	P1, P2		500mW	1590nm
Fiber type/ Length	Corning SMF28 CPC6/ 1m min.			
Connector Type	None			

Operating Temp. Range [To]	-5 ~ +70degC
Storage Temp. Range [Ts]	-40 ~ +85degC

Shapes and dimensions



Diagram

