

4 Port Polarization-Insensitive Optical Circulator



Product Features

- High Isolation
- Low Insertion Loss
- Polarization-Insensitive
- High Stability and Reliability

Product Applications

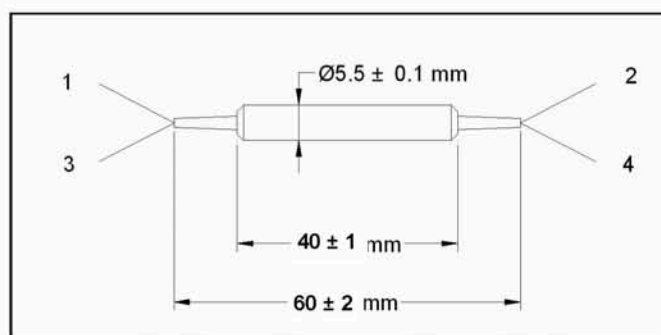
- DWDM Systems
- High Speed Systems
- Bi-Direction Communication Systems

Specifications

Transmitting Direction			1→2, 2→3, 3→4
Central Wavelength (λ_c)		nm	1310 or 1550
Operating Wavelength Range		nm	± 20
Insertion Loss	Typ.	dB	0.7
	Max.	dB	0.9
Isolation, 23°C	Min.	dB	38
Crosstalk	Min.	dB	50
Return Loss	Min.	dB	50
Polarization Dependent Loss	Max.	dB	0.2
Polarization Mode Dispersion	Max.	ps	0.1
Optical Power (Continuous Wave)	Max.	mW	300
Tensile Load	Max.	N	5
Operating Temperature		°C	0 to +70
Storage Temperature		°C	-40 to +85

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

Package Dimensions



Ordering Information

P	I	O	C	I	R							
						Wavelength 4=1550nm 7=1310nm	Port F=4 port	Package D= Ø5.5 x L40	Pigtail S=250µm bare fiber pigtail M=0.9mm loose tube	Fiber Type S=G652 or Equivalent	Fiber Length 0=0.5m 1=0.75m 2=1.0m	Connector 0=None 3=FC/APC 5=SC/APC 7=FC/UPC 8=SC/UPC

Note: All specifications are before connectors and are subject to change without notice.