

Optical Circulators (C-band)

Finisar's latest generation of optical circulators have been optimized for use in next -generation DWDM C-band (1525-1565nm) network systems. These C-band circulators deliver extremely low insertion loss and high isolation across the entire C-band, and offer minimal insertion loss ripple, polarization dependent loss (PDL) and polarization mode dispersion.

Features:

- Low insertion loss across the C-band
- Low PDL and PMD
- High isolation
- Epoxy -free optical path for high power handling

Specifications:

Parameters	Unit	Grade A			Grade B		
		Min	Typ	Max	Min	Typ	Max
Center Wavelength	nm	1550			1550		
Operating Wavelength Range	nm	1525-1565			1525-1565		
Insertion Loss*	dB		0.5	0.7		0.7	0.9
Isolation	dB	40			40		
Polarization Dependent Loss	dB			0.15			0.15
Polarization Mode Dispersion	ps		0.05	0.1		0.05	0.1
Optical Return Loss	dB	50			50		
Cross Talk	dB	50			50		
Optical Power	mW			500			500
Fiber Length	m	1			1		
Package Size (DXL)	mm	5.5 x 56					
Operating Temperature Range	°C	-5 to +70					
Storage Temperature Range	°C	-40 to +85					
Connector Options		None, FC/PC, FC/APC					
Fiber Type		All Ports: Corning SMF-28					

* Over all wavelengths and temperatures

Ordering Information:

Part Numbers for Standard Grades without connectors: Grade A: 1012213
Grade B: 1012214

Dimensions: (Unit: mm)

