



FEATURES

- Extra high isolation
- Low PDL
- PMD free
- Low cross-talk
- Low insertion loss
- Environmentally stable
- Epoxy-free optical path

APPLICATIONS

- Optical amplifier
- Optical transmitter
- CATV
- Testing instruments
- Bi-directional transmission system
- Dense WDM
- Add/Drop Multiplexer (ADM)
Dispersion Compensation

PERFORMANCE SPECIFICATIONS

ITEM	Polarization Independent Circulators		
	Type A (5A)	Type B (5B)	Wideband (5W)
Type	Type A (5A)	Type B (5B)	Wideband (5W)
Operating wavelength, nm	1550+/- 20nm		1470 ~ 1610 nm
Configurations	Port 1 ⇔ 2 ⇔ 3		
Minimum Isolation, dB (at 25°C, all SOP)	>= 40 (1530-1570nm)	>= 35 (1530-1570nm)	>= 35 (1470-1490 nm) >= 40 (1490-1610nm)
Maximum Insertion Loss, dB (at 0 ~ 60°C, all SOP)	<= 0.8 (1530-1570nm)	<= 1.0 (1530-1570nm)	<= 1.4 (1470-1490 nm) <= 1.3 (1490-1500 nm) <= 1.1 (1500-1600nm); 0.7 (typical) <=1.4 (1600-1610)
Polarization dependent Loss, dB	< 0.1	< 0.15	
Maximum Optical Power, mw	> 500		
Return Loss, dB (input/output)	>= 50		
Polarization Mode Dispersion, ps	< 0.1		
Operating Temperature, °C	0 ~ +60		
Storage Temperature, °C	-40 ~ +85		
Dimension, mm	Φ 5.5 x 60		Φ 5.5 x 58

Note : SOP = States of Polarization

ORDERING INFORMATION

M - CN - - - E - - / /

Type/ Operating Wavelength

- 5A 1550+/- 20nm (type A)
- 5B 1550+/- 20nm (type B)
- 5W ... 1470-1610nm (wideband)
- XX Others, please specify

Pigtail Type (for both ends)

- C Coated SMF-28™ fiber (250μm)
- L..... Loose tube SMF-28™ fiber (900μm)
- X Others, please specify

Pigtail Length (for each end)

- 1..... 1 meter
- 2..... 2 meter
- X Others, please specify
- A 0.5 meter
- B 1.5 meter

Connector Type (port 1 / port 2 / Port 3)

- FC FC type
- SC SC type
- ST ST type
- LC LC type
- XX Others, please specify
- AP.... FC/APC type
- AS SC/APC type
- MU ... MU type
- NC ... None