

2/3-in-1 Polarization - Optical Isolator



Features

- Wide Operating Wavelength & Temperature
- Low Insertion Loss
- High Isolation
- Low PDL & PMD
- Compact Size

Applications

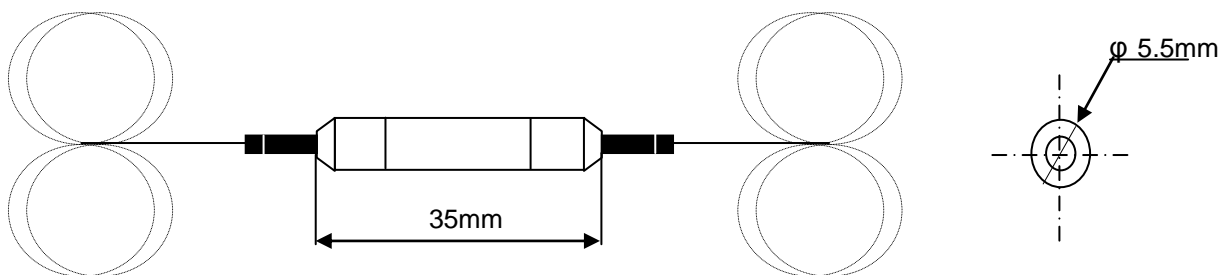
- CATV Fiber Optics Link
- WDM & DWDM Systems
- Fiber Optic Instruments
- Transmitters & Fiber Laser

Performance Specifications

Parameters	Single	Dual	Unit
Operating Wavelength Range	1310/1550		nm
Minimum Isolation (wavelength ± 20 nm, 23°C, all SOP)	≥ 28	≥ 45	dB
Minimum Isolation (wavelength ± 20 nm, 0~70°C, all SOP)	≥ 20	≥ 32	dB
Insertion Loss (wavelength ± 20 nm, 0 ~ 70°C, all SOP)	≤ 0.6	≤ 0.7	dB
PMD(*Add PMD Compensator component)	≤ 0.25 $\leq 0.05^*$	≤ 0.05	ps
PDL	≤ 0.15		dB
Return Loss	≥ 55		dB
Cross Talk	≥ 55		dB
Operating Temperature	0 to 70		°C
Storage Temperature	-40 to 85		°C
Package Dimension (excluding strain relief)	$\Phi 5.5 \times 35$ typical		mm

Mechanical Dimensions (mm)

2-in-1



3 in 1

