

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 \pm 20nm, 23°C, all SOP)	≥ 28	≥ 45	dB
Minimum Isolation (wavelength \pm 20nm, 0~70°C, all SOP)	≥ 20	≥ 32	dB
Insertion Loss (wavelength \pm 20nm, 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)

