

Isolator Pigtail

Features

- Ultra high isolation
- Minimum polarization dependent Loss(PDL)
- Optical path epoxy free
- Low insertion Loss
- Environmentally stable

Applications

- Optical amplification
- Optical transmission
- CATV
- High-bit rate optical communications
- High speed analog optical systems



Specifications

ITEM	VALUES	
Operation Wavelength, nm	1310nm or 1550nm	
Stage	Single	Dual
Minimum Isolation, dB (over the center wavelength \pm 15nm) (at 25 $^{\circ}$ C, all SOP)	≥ 30	≥ 45
Typical Insertion Loss, dB (at 25 $^{\circ}$ C, all SOP)	0.4	0.45
Maximum Insertion Loss, dB (over the operating range \pm 20nm) (-20 ~ 60 $^{\circ}$ C, all SOP)	0.5	0.7
Operating temperature, $^{\circ}$ C	0 ~ 60 $^{\circ}$ C	
Aperture Size, mm	0.8	
Storage temperature, $^{\circ}$ C	-40 $^{\circ}$ C ~ 85 $^{\circ}$ C	
Maximum output power, W/cm ²	50	

Note:SOP= States of Polarization

Isolator Pigtail Ordering information

