O-Net Communications

Smart Optical Component Solutions

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OPTICAL ISOLATORS

PIGTAILED ISOLATOR ASSEMBLY

Features

- Low insertion loss & high isolation
- Compact size
- RoHS 6/6 compliant

Applications

- Fiber optic lasers
- Optical transmitters & transceivers

Specifications

Parameter		Specification	Unit
Center Wavelength (λc)		1310/1550 or CWDM wavelength	nm
Isolation	Min	30	dB
Insertion Loss	Max	0.3	dB
Outer Diameter	Typ	∅2.5	mm
Capillary End Angle		6 or 8	°
Fiber Type		SMF-28 or equivalent, 900μm	

1. All values referenced without connector.
2. All valued tested at λc & 23°C.

Order Information

PFSI–A–B–C–D

A	Housing Length	1: 10mm 2: 14.4mm
B	Center Wavelength	31: 1310nm 55: 1550nm 49: 1490nm...
C	Fiber Length	1: 1m 2: 1.5m 3: 2m X: Customized
D	Connector Type	0: Without connector 1: FC/PC 2: FC/UPC 3: FC/APC 4: SC/PC 5: SC/UPC 6: SC/APC 7: ST 8: LC 9: MU X: Customized