

WDM-Isolator Hybrid (Hybrid)

1. Features

- Low Insertion Loss
- High Isolation
- Low PDL
- Compact Design
- Wide Operating Wavelength
- Wide Operating Temperature
- High Reliability and Stability

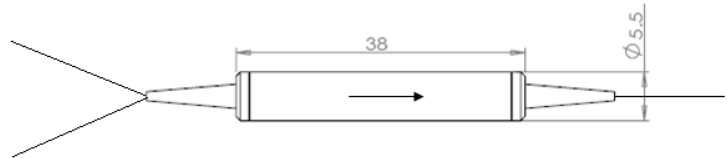
2. Applications

- CWDM System
- PON Networks
- CATV Links



3. Compliance

- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE
- RoHS



4. Specifications

Item	Parameters	
Signal channel wavelength range (λ_s) (nm)	1550+/-20	
Pump channel wavelength range (λ_p) (nm)	1480+/-20	
Signal channel isolation (dB)	@ λ_p	30
	@ λ_s Signal channel \rightarrow COM	30
Pump channel isolation (dB)		15
Insertion loss (dB)	Pump channel	0.4
	Signal channel	0.7
Ripple (dB)		0.3
PDL (dB)		0.1
PMD (ps)		0.1
RL (dB)		45
Directivity (dB)		50
Maximum Optical Power (mw)		500
Operating Temperature ($^{\circ}$ C)		-40~85
Storage Temperature ($^{\circ}$ C)		-40~85
Package Dimension (mm) ($\Phi \times L$)		$\Phi 5.5 \times L38$

Notes:

1. Specified without connectors.
2. Add an additional 0.2dB loss per connector.

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