

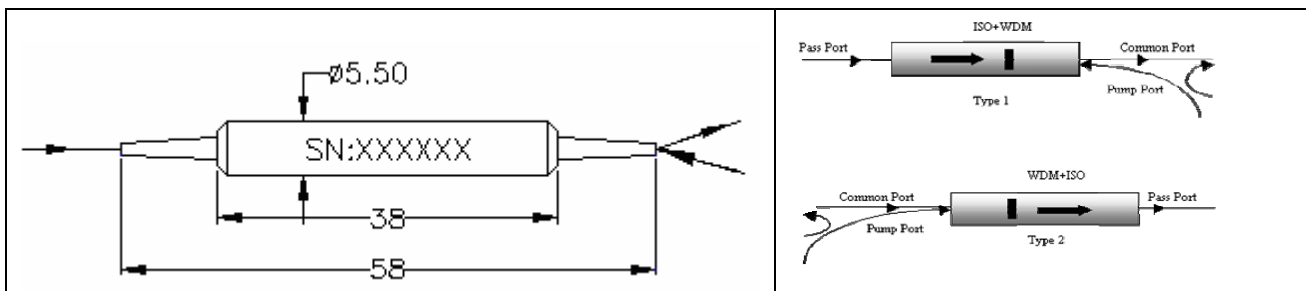
Isolator+ WDM Hybrid Device (IWDM)

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|---|--|
| Features | |
| Wide Operating Wavelength Low IL & PDL & High Isolation High Stability and Reliability | |
| Application | |
| Fiber Amplifier Fiber optic Instrument | |

Specifications

| Parameter | Type | 1480/1550 | | 980/1550 | |
|-----------------------------------|------|--------------|------------|---|------------|
| | | Single Stage | Dual Stage | Single Stage | Dual Stage |
| Isolation Stage | | Single Stage | Dual Stage | Single Stage | Dual Stage |
| Isolation (dB) | | ≥21 | ≥36 | ≥21 | ≥36 |
| Insertion loss (Signal) (dB) | | ≤0.9 | ≤1.0 | ≤0.9 | ≤1.0 |
| PMD (ps) | | ≤0.25 | ≤0.05 | ≤0.25 | ≤0.05 |
| Signal wavelength range (nm) | | 1528~1565 | | 1528~1565 | |
| Pump wavelength range (nm) | | 1450~1490 | | 965~995 | |
| Insertion loss (Pump) (dB) | | ≤0.5 | | ≤0.6 | |
| Transmitted Isolation (Pump) (dB) | | ≥30 | | ≥30 | |
| Reflected Isolation (Signal) (dB) | | ≥15 | | ≥15 | |
| PDL (dB) | | ≤0.10 | | | |
| WDL (dB) | | ≤0.3 | | | |
| Directivity (dB) | | ≥55 | | | |
| Return loss (dB) | | ≥50 | | | |
| Thermal stability (dB/ °C) | | ≤0.005 | | | |
| Power handling (mW) | | ≤500 | | | |
| Fiber Type: | | SMF-28e | | SMF-28e For Pass port, Hi1060 For Common & Pump port | |
| Operating temperature (°C) | | 0 ~ +70 | | | |
| Storage temperature (°C) | | -40 ~ +85 | | | |
| Package dimension (mm) | | Φ5.5 × L38 | | | |

Package Dimensions



Ordering Information

| IWDM | Wavelength | Stage | Type | Pigtail Type | Fiber Type | Length | Connector |
|------|---------------------------|-----------------------------------|---|---|-----------------------|--------|---|
| | T1550/R980 T1550/R1480 | S= Single stage D = Dual Stage | 1=Forward (Type 1) 2=Backward(Type 2) | 250=250um bare fiber 900=900um loose tube 3000=3mm loose tube | 1=SMF-28e 4=Hi1060 | 1= 1m | NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC ST=ST/UPC LC=LC/UPC XX=Other |