

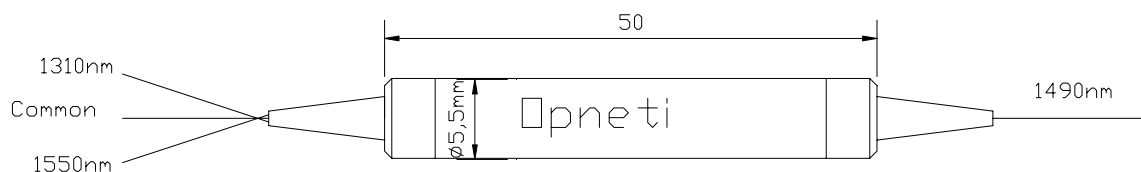
1x3 PON Filter WDM

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| Features | |
| Wide pass band Low insertion loss High channel isolation High stability and reliability | |
| Application | |
| FTTH/PON | |

Specifications

| Parameter | 1x3 1310/1490/1550 |
|--------------------------------------|----------------------|
| Central wavelength (nm) | 1310, 1490, 1550 |
| Pass band wavelength(nm) | 1490 ± 10 |
| Reflection wavelength(nm) | 1310 ±40 & 1550 ± 10 |
| Insertion Loss at 1490nm (dB) | ≤0.8 (0.6 typical) |
| Insertion Loss at 1310nm (dB) | ≤0.5 (0.3 typical) |
| Insertion Loss at 1550nm (dB) | ≤1.0 (0.8 typical) |
| Isolation at 1490nm(dB) | ≥30 |
| Isolation at 1310nm(dB) | ≥20 |
| Isolation at 1550nm(dB) | ≥15 |
| Directivity (dB) | ≥55 |
| Return loss (dB) | ≥50 |
| PDL(dB) | ≤0.10 |
| Wavelength thermal stability (dB) | ≤0.003 |
| Insertion loss thermal stability(dB) | ≤0.005 |
| Power handling (mW) | ≤500 |
| Operating temperature(°C) | -40 ~ +85 |
| Storage temperature(°C) | -40 ~ +85 |
| Dimensions(mm) | Φ5.5×L50 |

Package Dimensions



Ordering Information

| FWDM | Port Type | Wavelength | Pigtail Type | Fiber Type | Length | Connector |
|------|-----------|------------------|---|------------|--------------------|---|
| | 1x3 | T1490/R1310,1550 | 250=250um bare fiber 900=900um loose tube 3000=3mm loose tube | 1=SMF-28e | 1= 1m X=Specify | NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC LA=LC/APC XX=Other |