

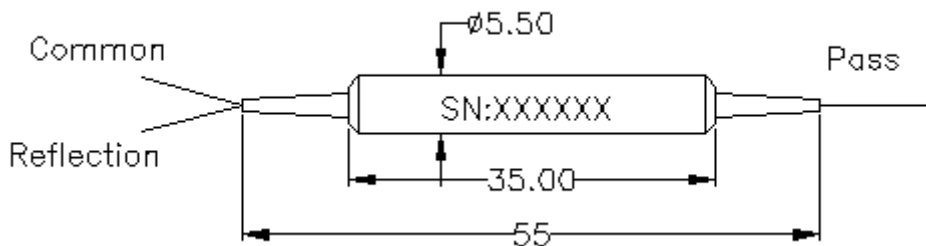
## 1x2 Triplex Filter WDM

|   |  |
|---|--|
| <b>Features</b>   |  |
| Wide pass band<br>Low insertion loss and High channel isolation<br>High stability and reliability |  |
| <b>Application</b>  |  |
| FTTH/PON  |  |

### Specifications

| Parameter                                 | 1×2 FWDM   |
|---|--|
| Central wavelength (nm)                   | 1310, 1490, 1550   |
| Operating Wavelength (nm)                 | 1310±40, 1490±10 , 1550±10                               |
| Pass/Reflection wavelength (nm)           | T1310/R1490,1550<br>T1550/R1310,1490<br>T1490/R1310,1550 |
| Pass insertion loss (nm)                  | ≤0.8   |
| Reflection insertion loss (dB)            | ≤0.6   |
| Pass Isolation(dB)                        | ≥30  |
| Reflection Isolation(dB)                  | ≥15  |
| Directivity(dB)                           | ≥55  |
| Return loss(dB)                           | ≥50  |
| PDL( dB)                                  | ≤0.1   |
| Wavelength thermal stability (nm/ °C)     | ≤0.003   |
| Insertion loss thermal stability (dB/ °C) | ≤0.005   |
| Power handling (mW)                       | ≤500   |
| Operating temperature(°C)                 | 0 ~ +70  |
| Storage temperature(°C)                   | -40 ~ +85  |
| Dimensions (mm)                           | Φ5.5× L35  |

### Package Dimensions



### Ordering Information

| FWDM | Port Type | Wavelength   | Pigtail Type  | Fiber Type | Length             | Connector   |
|------|-----------|--|---|------------|--------------------|---|
|      | 1x2       | T1550/R1310,1490<br>T1490/R1310,1550<br>T1310/R1490,1550 | 250=250um bare fiber<br>900=900um loose tube<br>3000=3mm loose tube | 1=SMF-28e  | 1= 1m<br>X=Specify | NE=None<br>FA=FC/APC<br>FC=FC/UPC<br>SA=SC/APC<br>SC=SC/UPC<br>LC=LC/UPC<br>LA=LC/APC<br>XX=Other |