

PM Filter WDM (980/1064, 980/1550, 1550/1064, 1480/1550nm)

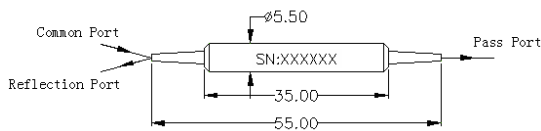
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|--|--|
| Features | |
| Low Insertion Loss High Extinction Ratio & High Isolation High stability and reliability | |
| Application | |
| Fiber Laser Fiber Amplifier Testing equipment | |

Specifications

| Type | | 980/1064 | 1550/1064 | 1480/1550 | 980/1550 |
|--|-----------------------------------|-------------------------|------------------|------------------|-------------------|
| Parameter | | | | | |
| Pass wavelength (nm) | | 960~990 or 1020~1080 | 1500~1600 | 1520~1580 | 1520~1580 |
| Reflection wavelength (nm) | | 1020~1080 or 960~990 | 1040~1064 | 1480+/-10 | 960~990 |
| Pass Insertion Loss (dB) | | ≤0.8 | ≤0.8 | ≤0.8 | ≤0.7 |
| Reflection Insertion Loss (dB) | | ≤0.6 | ≤0.6 | ≤0.6 | ≤0.5 |
| Pass channel Isolation (dB) | | ≥30 | ≥30 | ≥30 | ≥30 |
| Reflection Isolation (dB) | | ≥15 | ≥15 | ≥15 | ≥15 |
| Channel Flatness (dB) | ≤0.3 | | | | |
| Extinction Ratio (dB) | ≥20 | | | | |
| Return Loss (dB) | ≥50 | | | | |
| Insertion loss thermal stability (dB/°C) | ≤0.005 | | | | |
| Power handling (CW, total) (mW) | ≤300 | | | | |
| Fiber Type | Common & Pass port | PM 980 | PM 1550 | PM 1550 | PM1550 |
| | Reflection Port | PM 980 | HI1060 or PM 980 | HI1060 or PM 980 | SMF-28e or PM1550 |
| Operating temperature (°C) | 0 ~ +65 | | | | |
| Storage temperature (°C) | -40 ~ +85 | | | | |
| Dimensions (mm) | φ5.5×L35 or Mini Size OD 3.0x25mm | | | | |

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower. The default connector key is aligned to slow axis

Package Dimensions



Ordering Information

| PMFWDM | Port Type | Wavelength | Pigtail Type | Fiber Type for Pump | Length | Connector | Package |
|--------|-----------|---|--|-----------------------------|------------------|---|------------------------|
| | 2= 1x2 | 980T/1064R 980R/1064T 1550T/980R 1550T/1064R 1550T/1480R PM CWDM | 0=250um bare fiber 1=900um loose tube 3=3mm loose tube | 4=SM fiber 5=Panda fiber | 0.8=0.8m 1=1m | NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC XX=Other | 5=5.5x35 3=3.0x25mm |