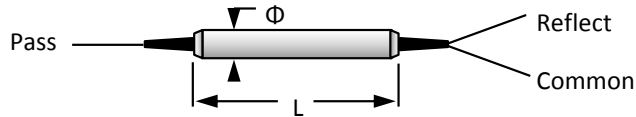


Filter WDM 1064/1030nm

The 1064/1030nm Filter Wavelength Division Multiplexer (WDM) is based on thin-film filter technology. It provides wavelength division multiplexing function. High power available upon request.



Features

- Low Insertion Loss
- High Isolation
- High Power Available

Applications

- EDFA
- Fiber Laser
- Lab & Research

Performance Specification

| Parameter | Value | Unit |
|--------------------------------------|---|------------------------|
| Pass Band | Wavelength | 1064±2.5 |
| | Insertion Loss | 0.6 (Typ.), 0.8 (Max.) |
| | Isolation | 27 (Typ.), 25 (Min.) |
| Reflection Band | Wavelength | 1030±10 |
| | Insertion Loss | 0.4 (Typ.), 0.6 (Max.) |
| | Isolation | 15 (Typ.), 13 (Min.) |
| Max. PDL | 0.1 | dB |
| Max. Channel Flatness | 0.3 | dB |
| Min. Directivity | 55 | dB |
| Min. Return Loss | 50 | dB |
| Max. Thermal Stability | 0.005 | dB |
| Max. Optical Power (Continuous Wave) | 300 (higher power available upon request) | mW |
| Max. Tensile Load | 5 | N |
| Fiber Type | HI 1060 Fiber | |
| Operating Temperature | -5 to +70 | °C |
| Storage Temperature | -40 to +85 | °C |
| Package Dimension | Φ5.5×L35 | mm |

Note

- * Above specifications are for device without connector. For devices with connectors, IL will be 0.3dB higher and RL will be 5dB lower.
- * Specifications may change without notice.

Ordering Information

FWDM-AAAA/AAAA-B-CC-DD

| AAAA/AAAA | B | CC | DD |
|------------------------------------|----------------------|--------------|--------------|
| Wavelength | Fiber Jacket | Fiber Length | Connector |
| 1064/1030 - 1064 Pass/1030 Reflect | B - 250um Bare Fiber | 05 - 0.5m | NE - None |
| SSSS/SSSS - Specify | L - 900um Loose Tube | 08 - 0.8m | FA - FC/APC |
| | | 10 - 1.0m | FP - FC/PC |
| | | 15 - 1.5m | SA - SC/APC |
| | | SS - Specify | SP - SC/PC |
| | | | LA - LC/APC |
| | | | LP - LC/PC |
| | | | SS - Specify |