

PM Coarse Wavelength Division Multiplexer (PMCWDM)

Product Features

- Wide pass band
- Low Insertion Loss
- Access Network · Epoxy-free on Optical Path

Product Applications

- Communication Systems
- Test Instrumentations
- Fiber Sensors
- Research

Specifications

| Parameter | | Unit | Value |
|--------------------------|----------------------|------|---|
| Central Wavelength | | nm | 1271, 1291, 1311,1551, 1571, 1591, 1611 |
| Channel space | | nm | 20 |
| Channel bandwidth | | nm | $\lambda_c \pm 7.5$ |
| Insertion Loss-Comm~Pass | | dB | ≤ 0.5 |
| Insertion Loss-Comm~Ref | | dB | ≤ 0.4 |
| Isolation | Adjacent channel | dB | ≥ 30 |
| | Non-adjacent channel | | ≥ 40 |
| Directivity | | dB | ≥ 55 |
| Return loss | | dB | ≥ 50 |
| ER | | dB | ≥ 22 |
| Power handling | | mW | ≤ 500 |
| Operating temperature | | °C | 0 ~ +70 |
| Storage temperature | | °C | -40 ~ +85 |
| Dimensions (LxH) | | mm | 5.5X35 |

* Above specifications are for devices without connectors

* For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower and ER will be 2dB lower

* The PM fiber and the connector key are aligned to the slow axis

Ordering Information

| PMC WDM | Port Type | Wavelength | Pigtail Type | Fiber Type | Length | Connector |
|---------|------------------------------|--|---------------------------|-----------------------------|---------------|---|
| 1x1 | 1ch 2ch 3ch Specify | 1271 1291 1611 Specify | 250um 900um Specify | PM1310 PM1550 Specify | 1m Specify | None FC/APC FC/UPC SC/APC SC/UPC LC/UPC Specify |