

750~850nm 1x3 PM Filter Splitter Module

FEATURES

- ▣ Low Excess Loss
- ▣ Various Splitting Ratio
- ▣ Wide Passband
- ▣ High Stability and Reliability
- ▣ Epoxy Free Optical Path

APPLICATIONS

- ▣ Optical Amplifier
- ▣ Optical Networks
- ▣ Power Monitoring
- ▣ Fiber Sensor
- ▣ Lab



SPECIFICATIONS

| Parameter | Unit | Value |
|----------------------------|------|---|
| Center Wavelength | nm | 750, 780, 793, 808, 830, 850 |
| Bandwidth | nm | +/-15nm or customer specify |
| Configuration | - | 1x3 |
| Split Ratio | % | 33.3/33.3/33.3 |
| Insertion Loss | dB | ≤6.4 |
| Uniformity | dB | ≤0.9 |
| Extinction Ratio | dB | ≥20 |
| Optical Return Loss | dB | ≥50 |
| Working Mode | - | Can only work in Slow Axis |
| Fiber Type | - | PM850 Panda Fiber or PM780-HP Fiber |
| Alignment | - | Slow Axis |
| Fiber Tensile Load | N | 5 |
| Maximum Optical Power (CW) | mW | 300 |
| Operating Temperature | °C | 0~50 |
| Storage Temperature | °C | -40~85 |
| Package Dimension | mm | L160x ^W 140x ^H 10 |

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.7dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
 3. The devices can only work in slow axis and fast axis is blocked.
 4. Devices for higher optical power or with other type fiber or consigned fiber are also available; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device.

ORDERING INFORMATION (PN)

| | | | | | | | | |
|--------------|-------------------|--------------|----------|-------------------|---------------------|---------------------|----------|-------------------------|
| FPFM- | NNN | - 1X3 | - | C | C | NN | - | CC/CCC |
| | <i>Wavelength</i> | | | <i>Fiber Type</i> | <i>Fiber Sleeve</i> | <i>Fiber Length</i> | | <i>Connector Type</i> |
| | 780~780nm | | | 2- PM850 Fiber | B- Bare Fiber | 05=0.5m | | N-Without Connector |
| | 793~793nm | | | 7- PM780HP Fiber | L- Loose Tube | 10=1.0m | | FC/APC=FC/APC Connector |
| | 808~808nm | | | | 2= 2mm Cable | 15=1.5m | | LC/PC=LC/PC Connector |
| | 850~850nm | | | | 3= 3mm Cable | 20=2.0m | | SC/UPC=SC/UPC Connector |