



PM Fiber Pigtail

PERFORMANCE SPECIFICATIONS

| Parameter | Specifications |
|-----------------------|---|
| AR Coating | 1310±30nm, 1550±30nm or 1310/1550±30nm or Custom Wavelength |
| Angle Polish | 6°, 8°, 9°, 11° or any Other Degree |
| Reflectance | 15% Typ. 0.25% Max. |
| Return Loss | 65dB Typ. 60dB Min. |
| Extinction Ratio (ER) | 25dB Typ. 20dB Min. |
| Operating Temperature | - 5 to +75°C |
| Storage Temperature | - 40 to +85°C |
| Fiber Type | Panda PM fiber or Custom fiber |
| Package Dimensions | Φ1.8(OD) x 6.5 - 7.2(L)mm or Custom size |

FEATURES

- Low Insertion loss
- Low Back Reflection
- High Environmental Stability
- High Extinction Ratio

APPLICATION

- PM Components

Note:

- 1) The PM fiber and the connector key are aligned to the slow axis
- 2) The ER is for fiber ≤ 0.75m. Increase fiber length can decrease the ER.
- 3) For devices with connectors, insertion loss will be 0.3dB higher, return loss will be 5dB lower, and extinction ratio will be 2dB lower

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ORDERING INFORMATION

| Pigtail | Wavelength | Fiber Type | Fiber Length | Position | Polarization Orientation of Fiber 1 | Polarization Orientation of Fiber 2 | Angle Polish | Axis Orientation |
|----------------|----------------|-------------|--------------|------------------------------|-------------------------------------|-------------------------------------|--------------|---------------------|
| 1=Single Fiber | 13=1310nm | PM=PM Fiber | 07=0.75m | 0=Single Fibe | 1=Vertical to the 8D Angle | 0=Single Fiber | 0=Flat | S=Slow axis working |
| 2=Dual Fiber | 14=1480nm | | 10=1.0m | 1=Vertical (2 Fiber Vertical | 2=Horizontal to the 8D Angle | 1=Vertical to the 8D Angle | 6=6D | B=Both axis working |
| | 15=1550nm | | . | to the 8D Angle) | | 2=Horizontal to the 8D Angle | 8=8D | |
| | 35=1310/1550nm | | . | 2=Horizontal (2 Fiber | | | S=Special | |
| | | | . | Horizontal to the 8D Angle) | | | | |
| | | | 20=2.0m | | | | | |

RELATED PRODUCTS

[Single Fiber Pigtails](#)

[Multi-fiber Pigtails](#)