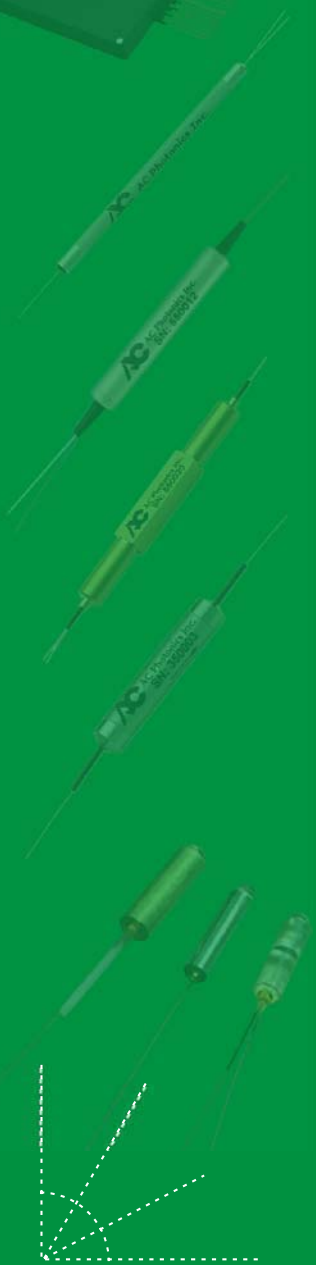
# Polarization Maintaining Fiber Pigtail

## Features

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

## Applications

- PM Components



## Performance Specifications

| | | Single Fiber | Dual Fiber |
|---|---|---|---|
| AR Coating | | 1310±30nm, 1550±30nm or 1310/1550±30nm, custom wavelength | |
| Angle Polish | | 6°,8°, 9°, 11°or any other degree | |
| Typical Reflectance | | 0.15% | |
| Maximum Reflectance | | 0.25% | |
| Return Loss (Typ.) (dB) | | 65 | |
| Return Loss (Min.) (dB) | | 60 | |
| Extinction Ratio | Typical (dB) | 25 | |
| | Minimum (dB) | 20 | |
| Operating Temperature(°C) | | -5~ +75 | |
| Storage Temperature(°C) | | -40 ~ +85 | |
| Dimensions (mm) | | 1.8(OD)x 6.5~7.2(L) or Custom size | |
| Fiber Type | | Panda PM fiber or custom fiber | |

1. The PM fiber and the connector key are aligned to the slow axis.
2. The ER is for fiber </= 0.75 meter. 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 loss will be 2dB lower.

## Ordering Information

| ☐ | ☐ | ☐ ☐ | ☐ ☐ | ☐ ☐ | ☐ | ☐ | ☐ | ☐ |
|---|---|---|---|---|---|---|---|---|
| **Type** | **Pigtail** | **Wavelength** | **Fiber Type** | **Fiber Length** | **Fiber Position** | **Polarization Orientation of Fiber 1** | **Polarization Orientation of Fiber 2** | **Angle Polish** |
| 1=Single Fiber<br>2=Dual Fiber | P=Pigtail | 00=No AR Coating<br>13=1310nm<br>14=1480nm<br>15=1550nm<br>35=1310/1550nm | ↓ | 15=1.5m<br>18=1.8m<br>.....<br>30=3.0m | ↓ | 1=Vertical to the 8D angle<br>2=Horizontal to the 8D Angle | 1=Vertical to the 8D angle<br>2=Horizontal to the 8D angle<br>0=Single fiber | 0=Flat<br>6=6D<br>8=8D<br>S=Special |
| | | PM= Polarization Maitain Fiber | | 0=Single fiber<br>1= ertical(2 fiber vertical to the 8D angle)<br>2=Horizontal(2 fiber horizontal to the 8D angle) | | | | |

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