

Polarization Maintaining Fiber Pigtail



Key Features

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

Applications

- PM Components

Performance Specifications

Parameter	Specifications
	Grade A
AR Coating	1310nm \pm 30nm, 1550nm \pm 30nm or 1310nm/1550nm \pm 30nm or Custom wavelength
Angle Polish	6°, 8°, 9°, 11° or any Other Degree
Reflectance (Typ.)	15%
Reflectance (Max.)	0.25%
Return Loss (Typ.)	65dB
Return Loss (Min.)	60dB
Extinction Ratio (Typ.)	25dB
Extinction Ratio (Min.)	20dB
Operating Temperature	-5 to + 75°C
Storage Temperature	-40 to + 85°C
Fiber Type	Panda PM fiber or custom fiber
Package Dimensions	1.8(OD) x 6.5 - 7.2(L)mm or Custom size

Note:

1. The PM fiber and the connector key are aligned to the slow axis.
2. The ER is for fiber \leq 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

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Type	Pigtail	Wavelength	Fiber Type	Fiber Length	Position	Polarization Orientation of Fiber 1	Polarization Orientation of Fiber 2	Angle Polish	Working axis
↓	P = Pigtail	00 = No AR Coating 13 = 1310nm 14 = 1480nm 15 = 1550nm 35 = 1310/1550nm	↓	15 = 1.5m 18 = 1.8m 30 = 3.0m	↓	1 = Vertical to the 8D Angle 2 = Horizontal to the 8D Angle	↓	0 = Flat 6 = 6D 8 = 8D S = Special	↓
1 = Single Fiber 2 = Dual Fiber			PM = Polarization Maintain Fiber	0 = Single Fiber 1 = Vertical (2 Fiber Vertical to the 8D Angle) 2 = Horizontal (2 Fiber Horizontal to the 8D Angle)		0 = Single Fiber 1 = Vertical to the 8D Angle 2 = Horizontal to the 8D Angle			↓
									S = Slow axis working B = Both axes working F = Fast axis working