

1550nm Polarization-Maintaining Hybrid Reflection isolation

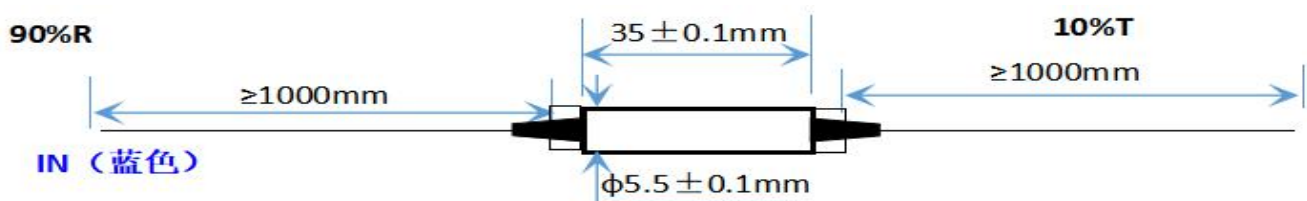
Part No.: PMMI-1550-90/10-S-5.5*35-PM1550-1-0-N-F

◆ Specification:

Parameter	Unit	Value
Structure	/	1*1
Signal Wavelength λ_c	nm	1550
Operating Wavelength Range	nm	± 10
Faraday Rotation Angle (Single Pass)	degree	45
Max. Rotation Angle Tolerance, λ_c , 23 °C	degree	± 2
Passband Insertion Loss@23 °C 10%	dB	≤ 10.8
Reflection Insertion Loss 90%	dB	≤ 1.2
ER	dB	≥ 20
Isolation@23 °C	dB	≥ 30
Fiber Type	/	PM1550
Package Size	mm	$\varnothing 5.5 * 35$ (Steel Tube)
Max. Average Optical Power	mW	≤ 500
Max. Tensile Load	N	≤ 5
Working Axis	/	Slow axis work, fast axis block
Fiber Length	m	≥ 1.0
Operating Temperature	°C	-0~+70
Storage Temperature	°C	-40~+85

*IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.

◆ Package Dimension:



◆ Ordering Information

PMMI-①-②-③-④-⑤-⑥-⑦-⑧-⑨

① Center Wavelength	② Reflection/ Transmit	③ Stage	④ Package Dimension	⑤ Fiber Type	⑥ Fiber Length	⑦ Fiber Jacket	⑧ Connector	⑨ Working Axis
1064-1064nm	90/10-90%/10%	S-Single Stage	5.5*35mm	PM980-P M980	1-1M	0-Bare Fiber	N-None	F-Fast Axis Block
1064-1064nm	80/20-80%/20%	D-Dual Stage	2.5*20mm	PM1550-PM1550	0.8-0.8M	1-900 μ m Loose Tube	FU-FC/PC	B-Both Axis Working
S-Specify	S-Specify		S-Specify				FA-FC/APC	