PM 980/1550 MWDM

FEATURES

- Wide Operating Wavelength Range
- Low Insertion Loss
- Ultra Flat Wide Passband
- High Channel Isolation
- High Stability and Reliability
- Epoxy Free Optical Path

APPLICATION

- System Monitoring
- WDM System
- Transmitters and Fiber Lasers
- Fiber Optical Amplifier
- Fiberoptic Instruments

PERFORMANCE SPECIFICATIONS

Parameter	Specifications
Operating Wavelength	Pass Channel: 1520 ~ 1600nm
	Reflect Channel: 965 ~ 1000nm
Insertion Loss	Pass Channel: ≤1.1dB
	Reflect Channel: ≤0.80dB
Insertion Loss Variation	≤0.30dB
Isolation	Pass Channel: ≥ 30dB
	Reflect Channel: ≥ 18dB
Extinction Ratio	≤ 18 (20)dB
Fiber Type	Common/Pass Channel: PM Fiber
	Reflect Channel: HI1060 or PM Fiber
Return loss	≥ 50dB
Directivity	≥ 55dB
Optical Power	≤ 300mW
Operating Temperature	0 to +65
Storage Temperature	- 40 to +85°C
Package Dimensions	A= Standard, Φ5.5xL35mm for 250um fiber, Φ5.5xL38 for 900um fiber

Note:

1. Connector keys are aligned to the slow axis.
2. ER value applies to fiber ≤ 0.75m. Increased fiber length will decrease ER.
3. For each connector IL will 0.3 dB higher, RL 5dB lower and ER 2dB lower.

All values referenced are without connector.

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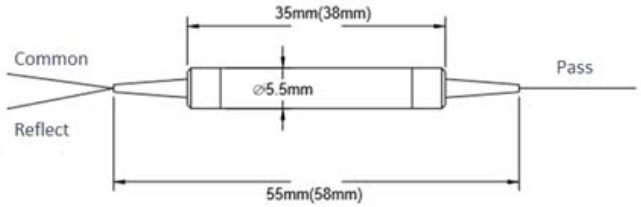
MECHANICAL DIMENSIONS



PORT CONFIGURATIONS

ORDERING INFORMATION

PMWDM	Operating Wavelength	Port	Package	Fiber Type	Pigtail Style	Fiber Length	In Connector	Out Connector	Working Axis
	5598=1550/980nm	102=1x2	A= A package	1=Common/Pass: PM, Pump:HI1060 2=All PM	1=Bare fiber 2=900um loose tube	07=0.7m 10=1.0m	0 = None 1 = FC/APC 2 = FC/PC 3 = SC/APC 4 = SC/PC 5 = ST 6 = LC/UPC 7 = LC/APC	0 = None 1 = FC/APC 2 = FC/PC 3 = SC/APC 4 = SC/PC 5 = ST 6 = LC/UPC 7 = LC/APC	S=Slow axis working F=Fast axis working B=Both axes working