



1060nm Single Stage PM Isolator

FEATURES

High Isolation
Low Insertion Loss
High Return loss
High Extinction Ratio
Epoxy Free Optical Path

APPLICATION

Fiberoptic Amplifiers
CATV Fiberoptic Links
Fiberoptic Systems Testing
Fiberoptic LAN Systems
Telecommunications

PERFORMANCE SPECIFICATIONS

| Parameter | Specifications | |
|-------------------------|---------------------------|----------|
| Operating Wavelength | 1060nm | |
| Grade | P | A |
| Typical Peak Isolation | 38dB | 36dB |
| Minimum Isolation* | ≥32dB | ≥30dB |
| Typical Insertion Loss* | 1.50dB | 1.60dB |
| Insertion Loss** | ≤2.0dB | ≤2.2dB |
| Return Loss | ≥55/50dB | ≥55/50dB |
| Extinction Ratio (Min.) | ≥20dB | ≥18dB |
| Bandwidth | ±10nm | |
| Fiber Type | PM980 | |
| Optical Power | ≤ 300mW | |
| Operating Temperature | -5 to +70°C | |
| Storage Temperature | -40 to +85°C | |
| Package Dimensions | A=Standard, Ø 5.5 x L35mm | |

Note: * Temperature at 23°C.

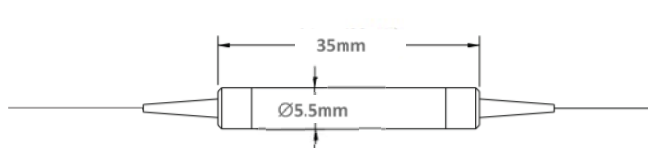
** Temperature at -5°C to 70°C

All values referenced are without connector.

1060nm Single Stage PM Isolator

MECHANICAL DIMENSIONS

A Package



PORT CONFIGURATIONS



ORDERING INFORMATION

| Type | Operating Wavelength | Grade | Package | Fiber Type | Pigtail Style | Fiber Length* | In Connector | Out Connector | Working axis |
|-------------------|----------------------|------------------------|--------------|------------|------------------------------------|---------------------|--|--|---|
| PMIS=Single stage | 06=1060nm | P=P grade A=A grade | A= A package | L=PM980 | 1=Bare fiber 2=900um loose tube | 07=0.75m 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 |

*Other length is available upon request, However, 900µm loose tube is only up to 2m.