

POLARIZATION MAINTAINING (PM) ISOLATOR (C+L, 1590nm)

Specifications

Contact Ascentta with your custom specification needs.

| Parameter | Unit | Single Stage | Dual Stage |
|--------------------------------|---------|--------------|------------|
| Wavelength | nm | 1570±50 | |
| Peak Isolation (λ_c) | dB | 32 | 50 |
| Isolation (23°C) | Min dB | 18 | 40 |
| Insertion Loss (23°C) | Typ. dB | 0.5 | 0.6 |
| Insertion Loss (-5~+70°C) | Max dB | 0.7 | 0.8 |
| Return Loss (Input/Output) | Min dB | 55/50 | 55/50 |
| Extinction Ratio | Min dB | 20 | 20 |
| Optical Power Handling | mW | 300 | |
| Package Dimension | mm | Φ5.5 x L35 | |
| Operation Temperature | °C | -5 to 70 | |
| Storage Temperature | °C | -40 to 85 | |

* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, & ER.

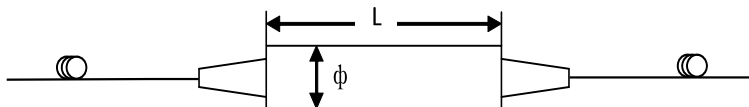
* Connector key is aligned to slow axis.

Ordering Information

Contact Ascentta with your custom configuration needs.

| PMIS | Stages | Wavelength | Working Axis | Fiber Type | Fiber Length | Connector |
|------|----------------|-------------|---|----------------------|--------------|-----------|
| PMIS | S=single stage | 10=1064nm | B=Both axes | PMB=PM Panda, 250um | 10=1.0m | NE=None |
| | D=dual stage | 1080=1080nm | S=Slow axis only (Fast axis blocked) | PMO=PM Panda, 400um | 15=1.5m | FA=FC/APC |
| | | 13=1310nm | | PML= PM Panda, 900um | 20=2.0m | FC=FC/PC |
| | | 14=1480nm | | PM9=PM 980 Panda | 30=3.0m | SA=SC/APC |
| | | 15=1550nm | | | | SC=SC/PC |
| | | 159=1590nm | | X=Others | X=Others | ST=ST/PC |
| | | CL=C+L band | | | | LA=LC/APC |
| | | X=Others | | | | LC=LC/PC |
| | | | | | | X=Others |

Package Dimensions



Contact Ascentta for all your custom design needs.