

MINI-SIZE SINGLE-MODE 3-PORT OPTICAL CIRCULATOR (1310, 1550nm, or C+L Band)

Specifications

Contact Ascentta with your custom specification needs.

| Parameter | | Unit | 1310, or 1550 | C+L Band |
|--|------|------|---------------------|-----------|
| Wavelength | | nm | 1310±20, or 1550±25 | 1530-1610 |
| Transmitting Direction | | - | 1→2, 2→3 | |
| Isolation (23°C, All SOP) (2→1, or 3→2) | Peak | dB | 50 | 50 |
| | Min | dB | 40 | 40 |
| Insertion Loss (23°C, All SOP) (1→2, or 2→3) | Typ. | dB | 0.6 | 0.8 |
| | Max | dB | 0.8 | 1.0 |
| PDL | Max | dB | 0.15 | 0.20 |
| PMD | Max | ps | 0.10 | 0.10 |
| Return Loss | Min | dB | 55 | 55 |
| Directivity (1→3, or 3→1) | Min | dB | 55 | 55 |
| Optical Power Handling | Max | mW | 300 | |
| Package Dimension | | mm | Φ5.5 x L38 | |
| Operating 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, & PDL.

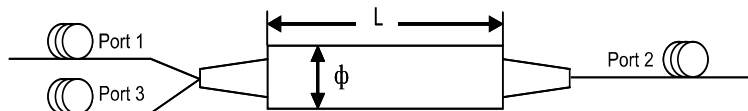
* SOP=State Of Polarization

Ordering Information

Contact Ascentta with your custom configuration needs.

| CIR | Port | Wavelength | Fiber Type | Fiber Length | Connector | Package |
|-----|----------|-------------|--------------------|--------------|-----------|-------------------------------|
| CIR | 3=3-Port | 10=1064nm | B= SMF-28, 250um | 10=1.0m | NE=None | 5.5x38 = Mini (Φ5.5 x L38) |
| | | 13=1310nm | L= SMF-28, 900um | 15=1.5m | FA=FC/APC | |
| | | 14=1480nm | H1B=H1-1060, 250um | 20=2.0m | FC=FC/PC | |
| | | 15=1550nm | H1L=H1-1060, 900um | 30=3.0m | SA=SC/APC | X=Others |
| | | 159=1590nm | | | SC=SC/PC | |
| | | CL=C+L Band | X=Others | X=Others | ST=ST/PC | |
| | | 1625=1625nm | | | LA=LC/APC | |
| | | X=Others | | | LC=LC/PC | |
| | | | | | X=Others | |

Package Dimensions



Contact Ascentta for all your custom design needs.