

## PIGTAILED ISOLATOR

(1310, 1510, 1550, 1590nm, CWDM wavelengths)

### Specifications

Contact Ascentta with your custom specification needs.

| Parameter                      |                       | Unit    | Value  |
|--------------------------------|-----------------------|---------|--|
| Wavelength                     |                       | nm      | 1310±20, or 1510±20, or 1550±20, or 1590±20, or CWDM wavelengths |
| Isolation (All SOP)            | ( $\lambda_c$ , 23°C) | Typ. dB | 40   |
|                                | (23°C)                | Min dB  | 30   |
| Insertion Loss (23°C, All SOP) |                       | Typ. dB | 0.25   |
|                                |                       | Max dB  | 0.3  |
| PDL                            |                       | Max dB  | 0.15   |
| PMD                            |                       | Max ps  | 0.25   |
| Return Loss                    |                       | Min dB  | 50   |
| Optical Power Handling         |                       | Max mW  | 300  |
| Fiber Type                     |                       |         | SMF-28 or equivalent, 900um buffer                               |
| Package Dimension              |                       | mm      | Φ2.8 x L12   |
| 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.

| PFSI | Latching Type                                | Wavelength  | Clear Aperture                               | Housing Length                   | Fiber Length   | Connector  |
|------|--|---|--|----------------------------------|--|--|
| PFSI | L=Latching Type Garnet (Without Magnet Ring) | 13=1310nm<br>51=1510nm<br>15=1550nm<br>159=1590nm | 05=0.5mm<br>09=0.9mm<br>12=1.2mm<br>X=Others | 10=10mm<br>14=14.4mm<br>X=Others | 10=1.0m<br>15=1.5m<br>20=2.0m<br>30=3.0m<br>X=Others | NE=None<br>FA=FC/APC<br>FC=FC/PC<br>SA=SC/APC<br>SC=SC/PC<br>ST=ST/PC<br>LA=LC/APC<br>LC=LC/PC<br>X=Others |
|      | N=Non-latched type Garnet (with Magnet Ring) |   |  |                                  |  |  |

### Package Dimensions

Please Contact Ascentta