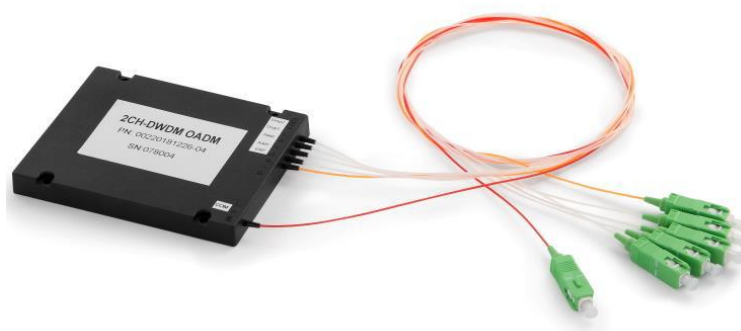


TFF 100GHz DWDM OADM Module

Features

- Automatic Optical alignment
- Optical path epoxy free
- Low insert loss & high isolation
- Telcordia GR-1221-Core qualified
- RoHS compliant



Applications

- DWDM channel add/drop
- Metro access system
- PON System
- OXC system

Specification

| Parameters | | Unit | Specification | | | |
|-----------------------------|-----------------------------|------|----------------------|------------|------------|------------|
| Central Wavelength | | nm | ITU-T Grid | | | |
| Channel Spacing | | GHz | 100 | | | |
| Channel Pass band | | nm | ITU ± 0.11 | | | |
| Center wavelength accuracy | | nm | $\lambda_c \pm 0.05$ | | | |
| Channel Count | | CH | 1 | 2 | 4 | 8 |
| Insertion Loss | In to Drop@ λ Drop | dB | ≤ 1.0 | ≤ 1.3 | ≤ 2.2 | ≤ 3.2 |
| | Add to Out @ λ Add | dB | ≤ 1.0 | ≤ 1.3 | ≤ 2.2 | ≤ 3.2 |
| | In to Out @ λ Other | dB | ≤ 0.8 | ≤ 1.6 | ≤ 3.2 | ≤ 4.8 |
| Pass band Ripple | | dB | ≤ 0.5 | | | |
| Isolation | Adjacent Channel | dB | > 25 | | | |
| | Non-Adjacent Channel | dB | ≥ 35 | | | |
| Return Loss | | dB | ≥ 45 | | | |
| Polarization Dependent Loss | | dB | ≤ 0.20 | | | |

| | | | |
|-----------------------|----|-----------------------|---------------------|
| Directivity | dB | ≥45 | |
| Power Handling | mW | 300 | |
| Operating Temperature | °C | -5 ~ +70 (commercial) | |
| Storage Temperature | °C | -40 ~ +85 | |
| Package Dimension | mm | L100 x W80 x H10 | L120 x W80 x H18 |

Note:

- Insertion loss excluding connector loss.
- Customized dimension is available.