

L Band Supervisory MWDM Device

Features

- Wide operating wavelength range
- Low insertion loss
- High channel isolation
- Ultra flat wide passband
- High stability and reliability
- Telcordia qualification compliant



Application

- Fiber optical amplifiers
- System Monitoring

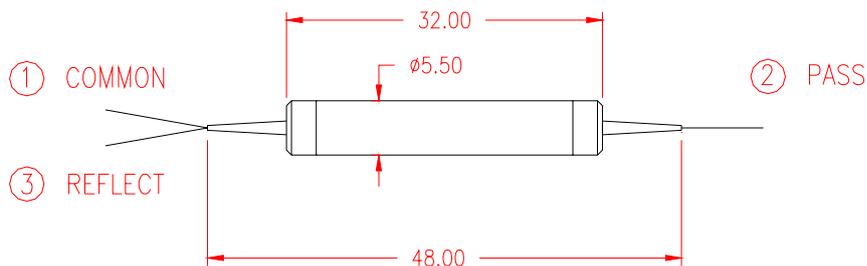
Specifications

| Parameter | | Unit | | MWDM LSU Serials |
|-------------------------------------|--------------------|------|------|--|
| Pass Channel Wavelength Range | | nm | - | 1620~1640 |
| Reflection Channel Wavelength Range | | nm | - | 1500~1608 |
| Insertion Loss | Pass Channel | dB | Max | 0.8 |
| | Reflection Channel | dB | Max | 0.5 |
| Isolation | Pass Channel | dB | Min | 25 |
| | Reflection Channel | dB | Min | 13 |
| Pass Band Ripple | | dB | Max | 0.3 |
| Polarization Dependent Loss (PDL) | | dB | Max. | 0.1 |
| Polarization Mode Dispersion (PMD) | | ps | Max. | 0.05 |
| Return Loss (RL) | | dB | Min. | 50 |
| Directivity (DIR) | | dB | Min. | 55 |
| Power Handling | | mW | Max. | 300 |
| Operating Temperature | | °C | - | -5 ~ 65 |
| Storage Temperature | | °C | - | -40 ~ 85 |
| Tensile Load | | N | Max. | 5 |
| Package Dimension | | mm | - | Φ5.5x32 mm for 250um bare fiber Φ5.5x38 mm for 900um loose tube |

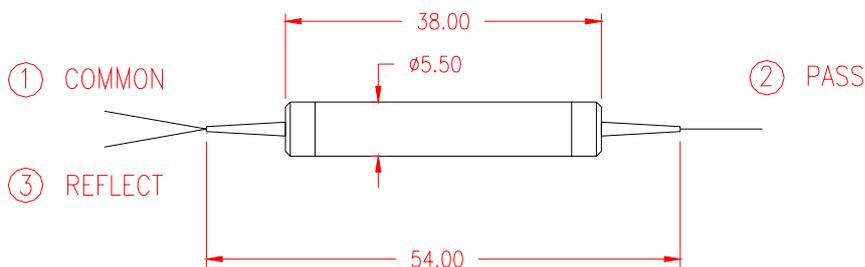
- (1) Values referenced without connector loss. Operating temperature and all state of polarization effects are considered.
- (2) Customized spec is available.
- (3) Customized package size is available.
- (4) C specify – Customer specify.

Package dimension

P1: SMF-28 bare fiber



P2: 900 μm loose tube



Ordering Information

MWDM— —

| Device /Module | Filter Type | xx | Fiber Type | Fiber Jacket | Fiber Length | Connector Type |
|-------------------|-------------------------------------|----|--------------------|--|------------------------------|---|
| 3 – 3 port device | LSU -1610nm pass L band Supervisory | 00 | 1 – Corning SMF 28 | 1 – 250 μm 2 – 2 mm 3 – 3 mm 6 – 1.6 mm 9 – 900 μm | 1 \geq 1m X – C Specify | 0 – None 1 – FC/UPC 2 – FC/APC 3 – SC/UPC 4 – SC/APC 5 – LC 6 – MU X – C Specify |

i.e. : **MWDM-3CSU00-1915**

MWDM –3 port device, 1610nm pass L band supervisory – Corning SMF 28 fiber, 900 μm diameter, 1 m pigtail length, LC connectors.

Contact Information

For more information about BATi's' leadership in variable optical attenuation and modulation technology and other optical networking modules and components, visit our website at www.bostonati.com.

To obtain additional technical information or to place an order for this product, please contact us at:

Phone: 1-781-935-2800

Fax: 1-781-935-2860

E-mail: sales@bostonati.com