

1510/1550nm Filter Wavelength Division Multiplexer

1510/1550nm Filter Wavelength Division Multiplexer (**WDM-S**) is designed for multiplexing and de-multiplexing the 1550nm signal and 1510nm supervisor signal. Using dielectric thin film filter, and metalized package, it can be offer wide band flatness, low insertion loss, excellent isolation, and high environmental stability.

Features of our WDM-S:

- Wide bandwidth
- Los insertion loss
- High channel isolation
- Epoxy-free optical path
- High environmental stability

Applications for our WDM-S:

- Supervisory channel of DWDM system
- Active fiber monition

Specifications:

| | | |
|---|-------|---------------------------|
| Pass Channel Wavelength | nm | 1500 ~ 1520 / 1532 ~ 1562 |
| Reflection Channel Wavelength range | nm | 1532 ~ 1562 / 1500 ~ 1520 |
| Insertion Loss to Pass Channel | dB | ≥ 0.8 (≥ 1.2) |
| Insertion Loss to Reflection Channel | dB | ≤ 0.7 |
| Isolation of Pass Channel to Reflection Channel | dB | ≥ 25 (≥ 30) |
| Isolation of Reflection Channel of Pass Channel | dB | ≥ 12 |
| Insertion Loss Variation | dB | ≤ 0.8 |
| Wavelength Thermal Stability | nm/°C | ≤ 0.002 |
| Insertion Loss Thermal Stability | dB/°C | ≤ 0.007 |
| Directivity | dB | ≥ 60 |
| Return Loss | dB | ≥ 45 |
| Operation Temperature | °C | 0 ~ 65 |
| Storage Temperature | °C | -40 ~ +85 |



Ordering information:

- Connectors: FC/UPC, FC/APC, SC/UPC, or SC/APC
- Pigtail: Diam. 0.25mm

We have unbeatable price for this product.

- Price is updating, please make a request for our most recent price by calling (514) 334-4588 or by emailing sales2@o-eland.com