

Description:

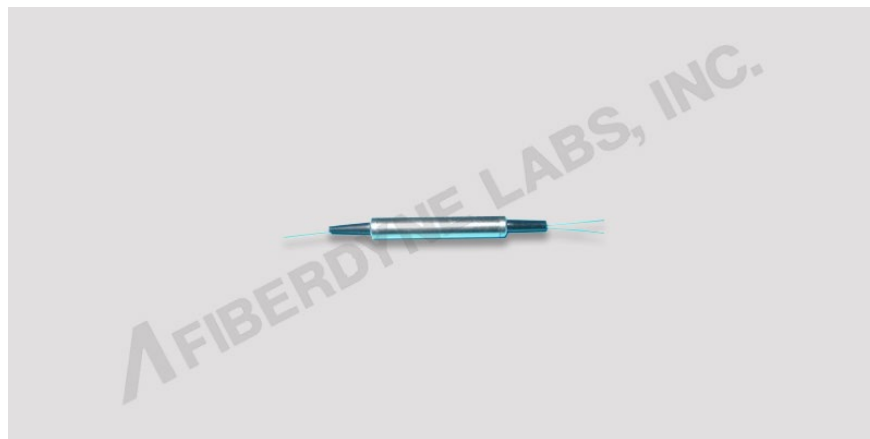
100GHZ DWDM 4-Skip 0 Band Filter

Features:

- High Isolation
- Low Insertion Loss
- Complies with RoHS
- Complies with Telcordia GR-1209, GR-1221

Applications:

- Local Area Networks
- FTTH Networks
- CATV
- OADM



Specifications:

| Parameters | | Unit | Specification |
|-----------------------------------|---------------------------------|-------|----------------|
| Center Wavelength | | nm | ITU Grid |
| Pass Channel Bandwidth | | nm | 2.7 |
| Pass Channel | Insertion Loss (Typical) | dB | ≤1.0 (0.6) |
| | Adjacent/Non-Adjacent Isolation | | ≥25/35 |
| | Ripple | | ≤0.3 |
| Reflect Channel | Insertion Loss (Typical) | dB | ≤0.6 (0.25) |
| | Isolation (Typical) | | ≥10 (18) |
| Return Loss/Directivity (Typical) | | dB | ≥45/50 (50/55) |
| Polarization Dependent Loss | | dB | ≤0.1 |
| Insertion Loss Temp. Sensitivity | | dB/°C | ≤0.005 |
| Power Handling | | mW | 300 |
| Operating Temperature | | °C | -5~70 |

| | | |
|-------------------|--|--|
| 5th Digit | Function | 450 = 1 x 2 4-SKIP-0 |
| 6th & 7th Digits | Channel | 450 = 1 x 2 4-SKIP-0 |
| 8th Digit | Channel Bandwidth (Min) | 1 = 2.7nm |
| 9th & 10th Digits | ITU Channel | XX = Channel # ie |
| | See ITU Grid for Channel nm (CH 21-CH 60) | 21 = 21 CH# 22 = 22 CH# 31 = 31 CH# 41 = 41 CH# XX = Others |
| 11th Digit | Packaging | 1 = Steel Tube H = Heavy Duty |
| 12th Digit | Fiber Type | 1 = 250µm 9 = 900µm 2 = 2mm 3 = 3mm |
| 13th Digit | Fiber Length | 1 = 1 meter X = Custom |
| 14th Digit | Connector Type | 0 = None 1 = ST/UPC 6 = SC/UPC 7 = FC/UPC A = FC/APC B = SC/APC L = LC/UPC N = LC/APC X = Custom |

Example: FDDW0021601110

This gives you 100GHz DWDM Filter, 1x2, Channel 60, 250um fiber with no connectors.

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|
| F | D | D | W | 0 | 0 | 2 | 2 | X | X | X | X | X | 0 |
| | | | | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Fiberdyne Labs, Inc. 100GHz DWDM 4-Skip 0 Band Filter | | | | | | | | | | | | | |

Package Dimensions:

