

0606 Optical Add-Drop Multiplexer

W2102-S



1538.19 nm (CH.49) 200 GHz Optical Add/Drop Multiplexer

The multiplexer allows system designers optimal configuration flexibility. These Telcordia-qualified devices can be used to suppress noise and eliminate crosstalk. These dielectric filter-based devices offer low insertion loss and high isolation in a totally passive device. Housed inside a precision machined aluminum package, these modules are ready to use.

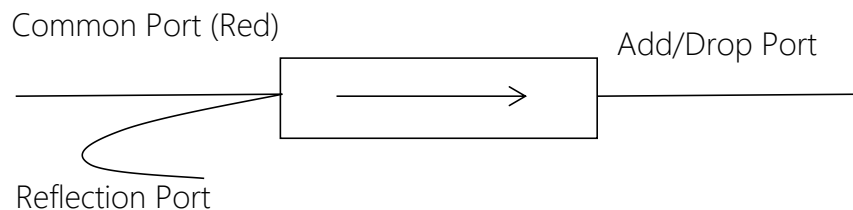
FEATURES

- 200 GHz Spacing on ITU Grid
- Passive Design with Thin-filmed Filter
- Low Insertion Loss and High Isolation
- Low PDL, PMD

USE IN

- Channel Add/Drop
- DWDM Network
- Wavelength Routing
- Fiber Optical Amplifier
- HFC Fiberoptic System

FUNCTIONAL DIAGRAM



| | |
|---------------------------------|---------------|
| Channel No. | 49 |
| Center Wavelength | 1538.19 nm |
| Channel Passband @ -0.5 dB | 1.06 dB |
| Passband Ripple | 0.06 dB |
| Add/Drop Channel Insertion Loss | 0.26 dB |
| Adjacent Channel Isolation | 37.42 dB |
| Express Channel Insertion Loss | 0.25 dB |
| Express Channel Isolation | 20.35 dB |
| Non-adjacent Channel Isolation | 45 dB min. |
| Directivity | 50 dB min. |
| Return Loss | 45 dB min. |
| PDL | 0.1 dB max. |
| PMD | 0.1 ps max. |
| Dimension | 5.5x5.5x35 mm |
| Fiber Type | SMF-28 |

Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.
1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.
2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.