

# 0606 Optical Add-Drop Multiplexer

W2106-S



## 1531.90 nm (CH.57) 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

Channel No.	57
Center Wavelength @ -0.5 dB	1531.98 nm
Bandwidth @ -0.5 dB	0.85 dB
Insertion Loss (Pass)	0.45 dB
Insertion Loss (Reflect)	0.26 dB
Isolation (Pass)	33.2 dB
Isolation (Reflect)	19.0 dB
Return Loss	45 dB min.
PDL	0.1 dB max.
Directivity	55 dB min.

**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.**