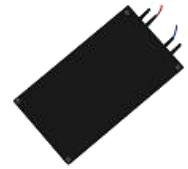


# 0606 Optical Add-Drop Multiplexer

W2012-S



## 1533.47 nm (CH.46) 100 GHz DWDM Add-Drop Module

The module 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.

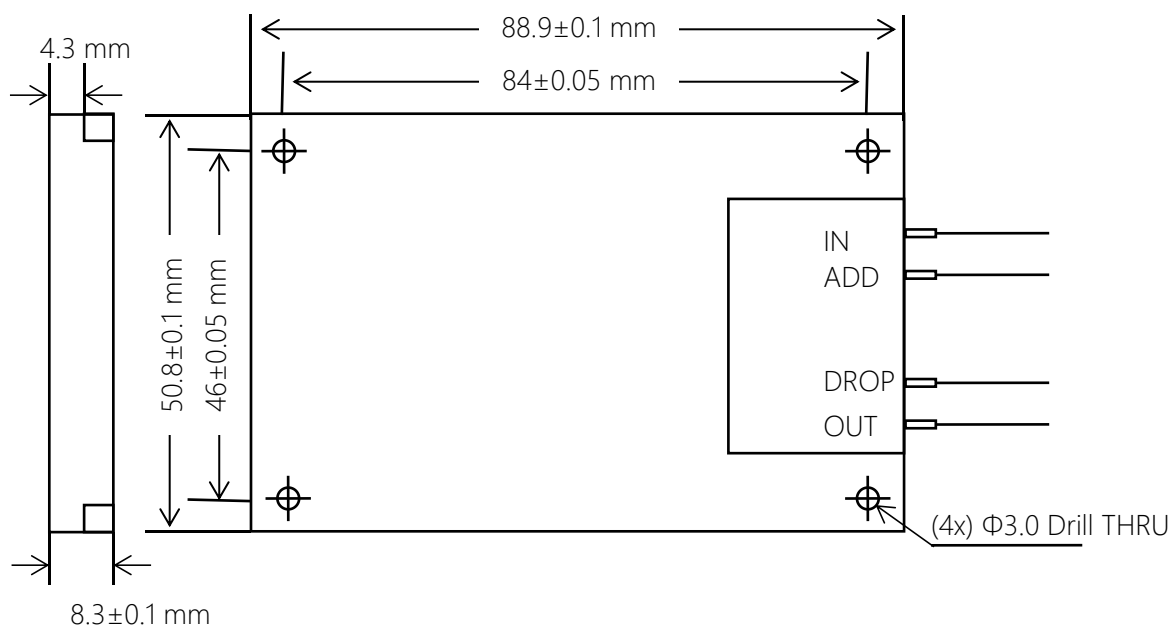
### FEATURES

- 100 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

### MECHANICAL DIAGRAM



**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.**

## 0606 Optical Add-Drop Multiplexer

W2012-S

Channel No.	46
Center Wavelength	1533.47 nm
Passband	±0.32 nm
Insertion Loss (In-Drop)	1.08 dB
Isolation (In-Drop)	30 dB min.
Insertion Loss (Add-Out)	0.7 dB
Isolation (Add-Out)	15 dB min.
Insertion Loss (In-Out)	0.82 dB
Isolation (In-Out)	35 dB min.
Directivity	65 dB min.
Return Loss	40 dB min.
Polarization Dependent Loss	0.1 dB max.
Operating Temperature	-5°C to 65°C
Storage Temperature	-40°C to 85°C
Dimension	88.9±0.1x50.8±0.1x8.3±0.1 mm
Fiber Type	SMF-28 with 900 um Loose Tube

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