

0406 Optical Add-Drop Multiplexer



1555.75 nm (CH.18) 100 GHz DWDM Add-Drop Module

The W2015-S 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.

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

Channel No.	18
Center Wavelength	1555.75 nm
Passband	-0.35 nm to +0.32 nm
Insertion Loss (In-Drop)	1.66 dB
Isolation (In-Drop)	30 dB min.
Insertion Loss (Add-Out)	1.06 dB
Isolation (Add-Out)	15 dB min.
Insertion Loss (In-Out)	1.46 dB
Isolation (In-Out)	35 dB min.
Directivity	65 dB min.
Return Loss	40 dB min.
Polarization Dependent Loss	0.1 dB max.
Fiber Type	Corning SMF-28, 900 μm Loose Tube
Fiber Length(Each End)	0.7±0.1 m
Package Dimension	88.9±0.1x50.8±0.1x8.3±0.1 mm