

0406 Optical Add-Drop Multiplexer



1539.77 nm (CH.38) 100 GHz DWDM Add-Drop Module

The W2009-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. 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

Channel No.	38
Center Wavelength	1539.77 nm
Passband	±0.32 nm
Insertion Loss (In-Drop)	1.5 dB max.
Isolation (In-Drop)	30 dB min.
Insertion Loss (Add-Out)	1.5 dB max.
Isolation (Add-Out)	15 dB min.
Insertion Loss (In-Out)	1.0 dB max.
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
Package Dimension	89x51x8 mm