

0407 AWG Multiplexer

W4207-S



8-Channel DWDM OADM Module, 100 GHz/200 GHz, ITU Channel

The W4207-S utilizes thin film coating technology and proprietary design of non-flux metal bonding micro-optics packaging to achieve optical add or drop at a ITU wavelength. It provides ITU channel center wavelength, low insertion loss, high channel isolation, wide pass band, low temperature sensitivity and epoxy free optical path.

FEATURES

- Low Insertion Loss
- Wide Pass Band
- High Channel Isolation
- High Stability and Reliability
- Epoxy Free Optical Path

USE IN

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

Channel Number	8 CH	
Channel Wavelength	ITU Grid	
Channel Spacing	100/200 GHz	
Channel Passband (@-0.5 dB Bandwidth)	0.22 nm min.(100 G); 0.5 nm min.(200 G)	
Add/Drop Channel Ripple	0.3 dB max.	
Isolation	Adjacent	30 dB min.
	Non-adjacent	40 dB min.
Insertion Loss	In-Drop@Drop	3.2 dB
	Add-Out@Add	3.2 dB
	In-Out@Other	5.0 dB
Polarization Dependent Loss	0.1 dB max.	
Polarization Mode Dispersion	0.1 ps max.	
Directivity	50 dB min.	
Return Loss	45 dB min.	
Power Handling	300 mW max.	
Operating Temperature	-10°C to +75°C	
Storage Temperature	-40°C to +85°C	
Package Dimension	L100xW80xH10 mm	