

Optical Add-Drop Multiplexer

Description



Optical Add-Drop Multiplexer, based on thin-film-filter and micro-optics, this product features small form, ultra low loss and high channel isolation. This technology is a lead-free packaging platform with high reliability.

Feature

- Mini size
- High reliability
- Low insertion loss
- Ultra-High thermal stability
- Epoxy-free in optical path
- RoHS compliant

Feature

- CWDM system
- CATV system
- FTTx system
- Network upgrading

Specification

Items		Unit	Parameter	
Channel Number			4	8
Central Wavelength		nm	≤1270, 1290...1610 or 1271, 1291...1611	
Pass band	Channel	nm	±6.5	
Channel Spacing		nm	≥20	
Fiber Type			≥Corning SMF-28 with 900mm loose tube	
Insertion Loss	Channel	dB	≤1.0	≤1.5
Fiber Type	Adjacent Channel	dB	≥30	
	Non- Adjacent Channel		≥45	
Channel Ripple		dB	≤0.5	
Polarization Dependent Loss		dB	≤0.15	
Polarization Mode Dispersion		ps	≤0.1	
Return Loss		dB	≥45	
Directivity		dB	≥50	
Maximum Power Handling		mw	≤500	
Operating Temperature		°C	≥-5~70	
Storage Temperature		°C	≥-40~85	
Package Dimension		mm	≥L53.7*W22.5*H6	

Note: All parameters have no connector. Add 0.3dB loss if need a connector.