

OADM

100 GHz Optical ADD/DROP Multiplexer (2x2)

Features:

- 100 GHz ITU channel spacing
- Low insertion loss
- High channel isolation
- High stability and reliability

Applications:

- DWDM multiplexing
- Fiber optic instruments
- CATV systems

Specifications:

Parameters	ADD Channel	DROP Channel
Central Wavelength	ITU grid	
Channel Spacing*	100 GHz	
Channel Pass Band @ -0.5dB	ITU±0.1nm min.	
Add/Drop Channel Insertion Loss	≤ 1.0 dB typ ≤ 1.5dB max.	
Express Channel Insertion Loss	≤ 1.0 dB	
Passband Ripple	≤ 0.5 dB	
Adjacent Channel Isolation	≥ 25 dB	
Non-adjacent Channel Isolation	≥ 40 dB	
Express Channel Isolation	≥ 20 dB	
Directivity	≥ 50 dB	
Return Loss	≥ 45 dB	
Insertion Loss Temperature Sensitivity	≤ 0.005 dB/°C	
Wavelength Temperature Sensitivity	≤ 1 pm/°C	
PDL	≤ 0.15 dB	
PMD	≤ 0.1 ps	
Maximum Power Handling	300 mW	
Operating Temperature	0°C to +65°C	
Storage Temperature	-40°C to +85°C	
Package Dimension	110 mm x 90 mm x 7 mm	

Note1: All values specified are without connectors.

Note2: Higher performance specifications upon request.

Note3: Fiber Type – Corning SMF-28 unless otherwise specified.

Order Information:

