



Single Channel Optical Add/Drop Multiplexer

Our optical Add/Drop Multiplexers are available on ITU channel spacings of 200, 100 and 50Ghz. They are based on thin film filter technology and metally packaged. Packaging options include fiber type, connectors and integration of taps and detectors for a complete dense wavelength division multiplexing (DWDM) solution. Our DWDM devices are Telcordia GR-1221 qualification tested. This product is epoxy-free in the optical path.

Features of our OADM-single:

- Epoxy-free optical path
- Low profile packaging
- Exceptional reliability and environmental stability
- High demux channel isolation

Applications for our OADM-single:

- Add/Drop Channels
- Dense WDM systems
- CATV Fiberoptic links
- OXC system

Specifications:

Parameter	Unit	Value			
		4	8	4	8
Channel number		4	8	4	8
Channel space	Ghz	200		100	
Central wavelength	nm	ITU-T Grid (C band)			
Passband @0.5dB	nm	≥0.6		≥0.22	
Passband flatness	dB	≤0.5		≤0.5	
IL (In - >Drop@Alpha drop)	dB	Max.: 2.5	Max.: 3.2	Max.: 2.5	Max.: 3.2
IL (Add -					



IL (Add ->Out@Alpha ad)	dB	Max.: 2.5	Max.: 3.2	Max.: 2.5	Max.: 3.2
IL (In ->Out@other Alpha)	dB	Max.: 2.8	Max.: 4.5	Max.: 2.8	Max.: 4.5
Adjacent Isolation	dB	≥25		≥25	
Non-adjacent Isolation	dB	≥40		≥40	
Isolation (In->Out@Alpha drop)	dB	≥25		≥25	
WL Thermal stability	nm/C	≤0.002		≤0.001	
IL Thermal stability	dB/C	≤0.006	≤0.007	≤0.006	≤0.006
PDL	dB	≤0.1	≤0.15	≤0.1	≤0.15
PMD	ps	≤0.1		≤0.1	
Return loss	dB	≥45		≥45	
Operation temperature	deg.C	-5~+65		-5~+65	
Storage temperature	deg.C	-40~+85		-40~+85	
Dimension	mm	130x87x13	133.5x96x15	130x87x13	133.5x96x15

Ordering information:

- Channel space: 200Ghz, 100Ghz
- Channel number: 2,4,8,16, customer request
- Add/Drop wavelength: ITU-T wavelength
- Cable diameter: 0.9mm
- Pigtail length: 0.5m
- Input/Output: none, FC/PC, FC/APC, SC/PC, SC/APC, LC/PC, MU/PC
- Add module, Drop module



We have unbeatable price for this product.

- Price is updating, please make a request for our most recent price by calling (514) 334-4588 or by emailing sales2@o-eland.com