

OADM

100 GHz Single Channel Optical Add/Drop Multiplexer

➔ Specifications

Parameter	Specification	
Center Wavelength (λ_c)	ITU Grid	
Channel Spacing	100 GHz	
Channel Pass Band	$\geq \lambda_c \pm 0.11$ nm	
Insertion Loss (Express Channel)	≤ 0.5 dB	
Insertion Loss (Add/Drop Channel)	≤ 0.9 dB	
Pass Band Ripple	≤ 0.5 dB	
Adjacent Channel Isolation	≥ 25 dB	
Non-Adjacent Channel Isolation	≥ 40 dB	
Express Channel Isolation	≥ 12 dB	
Directivity	≥ 50 dB	
Return Loss	≥ 45 dB	
PDL	≤ 0.1 dB	
PMD	≤ 0.1 ps	
Maximum Power	300 mW	
Operating Temperature	0° C ~ + 65° C	
Storage Temperature	- 40° C ~ + 85° C	
Package Dimensions	Bare fiber (B)	5.5 mm (Φ) x 35 mm (L)
	900 μ m loose tube (L)	5.5 mm (Φ) x 40 mm (L)

Note1: All values specified are without connectors.

Note2: Higher performance specifications are available upon request.

Note3: Fiber type Corning SMF-28e.

Note4: Over operating temperature, all SOP.

➔ Ordering Information

A	D	1					
Type		Channel Spacing	1 st ITU Channel #	Fiber Length	Pigtail Style	Connector	
A: Add	D: Drop	1: 100 GHz	e.g. 23: 1558.98 nm	A: 1 meter B: 1.5 meter S: Special	(=Package style) B: bare fiber L: 900 μ m loose tube	0: None 1: FC/PC 2: FC/APC 3: SC/PC 4: SC/APC 5: FC/SPC 6: SC/SPC	7: LC/UPC 8: LC/SPC 9: Special A: FC/UPC B: SC/UPC C: ST