

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	$\geq \lambda_c \pm 0.11 \text{ nm}$
Insertion Loss (Express Channel)	$\leq 0.5 \text{ dB}$
Insertion Loss (Add/Drop Channel)	$\leq 0.9 \text{ dB}$
Pass Band Ripple	$\leq 0.5 \text{ dB}$
Adjacent Channel Isolation	$\geq 25 \text{ dB}$
Non-Adjacent Channel Isolation	$\geq 40 \text{ dB}$
Express Channel Isolation	$\geq 12 \text{ dB}$
Directivity	$\geq 50 \text{ dB}$
Return Loss	$\geq 45 \text{ dB}$
PDL	$\leq 0.1 \text{ dB}$
PMD	$\leq 0.1 \text{ ps}$
Maximum Power	300 mW
Operating Temperature	0° C to + 65° C
Storage Temperature	- 40° C ~ + 85° C
Package Dimensions	Bare Fiber (B) 5.5 mm (Φ) x 35 mm (L) 900 μm 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.

Order Information

A D	1					
Type: A: Add D: Drop	Channel Spacing 1: 100 GHz	1 st ITU Channel# e.g 23: 1558.98 nm	Fiber Length A: 1 meter B: 1.5 meter S: Special	Pigtail Style (=Package style) B: bare fiber L: 900 μm loose tube	Connector 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