

100 or 200GHz (OADM) Optical Add/Drop Multiplexer (ITU Grid Wavelengths)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter				Unit	200GHz		100GHz		
Channels				-	4	8	4	8	
Wavelength				nm	ITU Grid				
Channel	Bandwidth @0.5dB		Min	nm	0.5		0.2		
	Ripple		Min	dB	0.5				
	Isolation	'In' to 'Out' (@λ-drop, 23°C, All SOP)		Min	dB	25			
		Adjacent Channel (23°C, All SOP)		Min	dB	25			
		Non-adjacent Channel (23°C, All SOP)		Min	dB	40			
	Insertion Loss	'In' to 'Drop' (@λ-drop, 23°C, All SOP)		Typ.	dB	2.5	3.0	2.5	3.0
		'Add' to 'Out' (@λ-add, 23°C, All SOP)		Typ.	dB	2.5	3.0	2.5	3.0
		'In' to 'Out' (@λ-other, 23°C, All SOP)		Typ.	dB	2.5	4.5	2.5	4.5
Uniformity		Max	dB	1.0					
PDL		Max	dB	0.1					
PMD		Max	ps	0.1					
Return Loss		Min	dB	45					
Directivity		Min	dB	50					
Optical Power Handling		Max	mW	300					
Package Dimension			mm	4-Ch: 130 x 87 x 13 8-Ch: 133.5 x 96 x 15					
Operation Temperature			°C	0 to 60					
Storage Temperature			°C	-40 to 85					

* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, & PDL.

* SOP=State Of Polarization

Ordering Information

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OADM	Channel Spacing	Channels	Add/Drop Wavelength	Fiber Type	Fiber Length	Connector
OADM	2=200GHz	2=2-Ch	21=ITU 21	B=SMF-28, 250um	10=1.0m	NE=None
	1=100GHz	4=4-Ch	22=ITU 22	L=SMF-28, 900um	15=1.5m	FA=FC/APC
		8=8-Ch	23=ITU 23	H=SMF-28, 3mm	20=2.0m	FC=FC/PC
		X=Others	X=Others	X=Others	30=3.0m	SA=SC/APC
					X=Others	SC=SC/PC
						ST=ST/PC
						LA=LC/APC
						LC=LC/PC
						X=Others

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