



ENLIGHT TECHNOLOGIES
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Fiber Optical WDM

Specifications

Parameters	Values		unit
Operating Wavelength Range	1270 ~ 1610		nm
Passband ^[1]	CWDM	13	nm
	200G DWDM	0.5	nm
	100G DWDM	0.4	nm
	50G DWDM	0.12	nm
	25G DWDM	0.08	nm
	LWDM	4.26 ~ 4.62	nm
Adjacent Channel Isolation	>=30		dB
Non-Adjacent Channel Isolation	>=45		dB
PDL ^[2]	≤ 0.15		dB
PER ^[3]	>=20		dB
Return Loss	>=45		dB
Optical Power	500		mW
Tap Monitor ^[4]	1 or specify		%
Fiber Type	SM, PM		
Operating Temperature	-5 to +70		°C
Storage Temperature	-40 to +85		°C
Package Dimension	5.5mm x 35mm, LGX, rack box, etc.		

*23°C, without connector. With connectors, IL is ~0.3dB higher, PER is ~2-3dB lower, and RL is ~5dB lower.

[1] : DWDM can be TFF type or AAWG type, passband is slightly different. 200GHz model is defined for -0.5dB, 100/50/25GHz are defined for -1dB.

[2] : For SM fiber version

[3] : For PM fiber version

[4] : Normally built-in for 16-ch or above CWDM/DWDM. Please mention in your requirements to be specified.

We provide customized WDM. Please [Contact us](#) to discuss your details requirements.

Ordering information:

FOWDM -	Type	1 st Channel	Ch#	Fiber Type	Fiber Lead	Fiber Jacket	Connector	-CPN
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	CWDM	-	20nm	1270nm...	1	SM	0.5m	250um	None	Issue a CPN# for your convenience of re-ordering
	DWDM	AWG/ TFF	200GHz/ 100GHz/ 50GHz	C15/H15...	4	PM	1.0m	900um	FC/UPC	
					8	...	...	3mm	FC/APC	
					...			...	LC/UPC	
	LWDM	-	-	1269.23n m...	96				LC/APC	
					...				SC/UPC	
									SC/APC	
									E2000/UPC	
									E2000/APC	
									specified	
									...	