100GHz DWDM MODULE

(ITU Grid Wavelengths)

Specifications

Contact Ascentta with your custom specification needs.

Parameter				Unit	2-Ch	4-Ch	8-Ch	16-Ch	32-Ch	40-Ch
Wavelength				nm	ITU Grid					
Channel	Bandwidth (@0.5dB)		Min	nm	0.22					
	Ripple		Max	dB	0.5					
	Isolation	Adjacent (23℃, All SOP)	Min	dB	25					
		Non-adjacent (23℃, All SOP)	Min	dB	45					
	Insertion Loss (23℃, All SOP)		Typ.	dB	1.4	1.6	1.6	3.8	4.8	5.2
			Max	dB	1.6	1.8	3.2	4.2	5.4	6.0
Uniformity			Max	dB	0.5	0.6	1.0	1.5	2.0	2.0
PDL			Max	dB	0.10	0.15	0.2	0.25	0.30	0.30
PMD			Max	ps	0.10	0.10	0.10	0.15	0.15	0.15
Return Loss			Min	dB	45					
Directivity			Min	dB	50					
Optical Power Handling			Max	mW	300					
Package Dimension			L W H	mm	100 80 10	100 80 10	100 80 10	120 80 18	150 95 19	150 110 19
Operation Temperature				℃	-5 to 65					
Storage Temperature				℃	-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

Contact Ascentta with your custom configuration needs.

DWDM	Channel Spacing	Channels	Configuration	Start ITU Channel	Fiber Type	Fiber Length	Connector	Express Port
DWDM	1=100GHz 2=200GHz	02=2-Ch 04=4-Ch 08=8-Ch 16=16-Ch 32=32-Ch 40=40-Ch X=Others	M=Mux D=DeMux	21=ITU 21 22=ITU 22 23=ITU 23 X=Others	B=SMF-28, 250um L=SMF-28, 900um H=SMF-28, 3mm X=Others	10=1.0m 15=1.5m 20=2.0m 30=3.0m X=Others	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC X=Others	E=With Express Port

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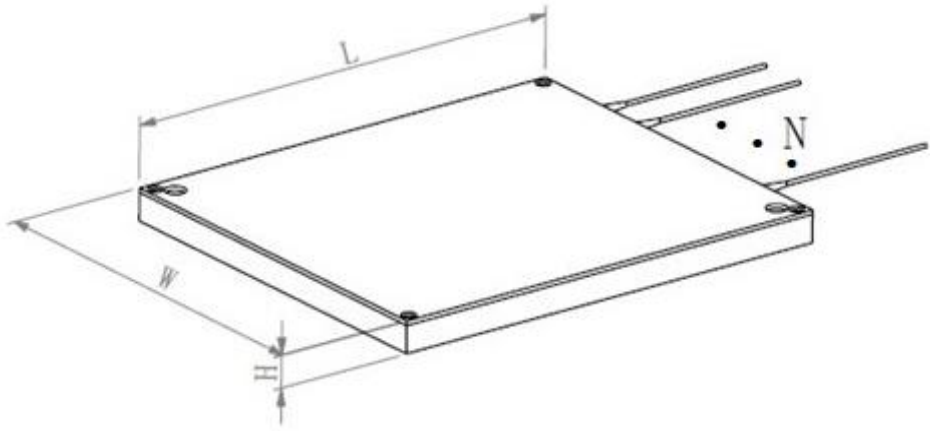
Package Dimensions



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