

## 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°C, All SOP)	Min	dB	25					
		Non-adjacent (23°C, All SOP)	Min	dB	45					
Insertion Loss (23°C, 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		mm	100	100	100	120	150	150	
	W		mm	80	80	80	80	95	110	
	H		mm	10	10	10	18	19	19	
Operation Temperature			°C	-5 to 65						
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

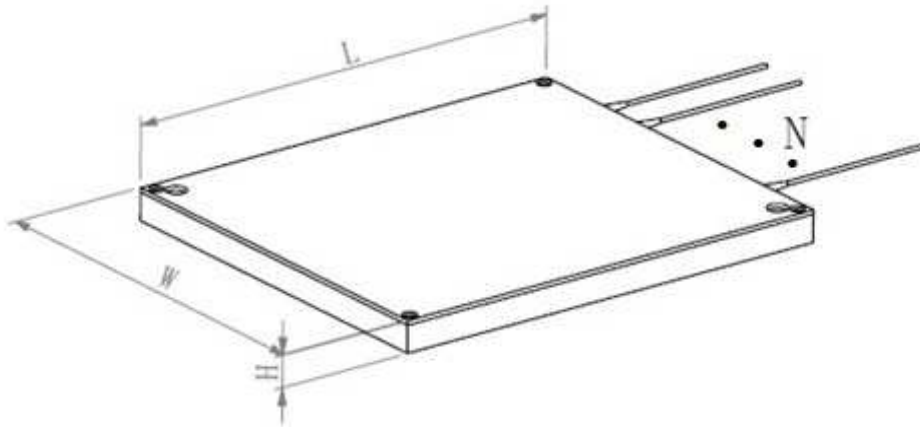
Contact Ascentta with your custom configuration needs.

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

Contact Ascentta for all your custom design needs.

**100GHz DWDM MODULE**  
(ITU Grid Wavelengths)

**Package Dimensions**



Contact Ascentta for all your custom design needs.