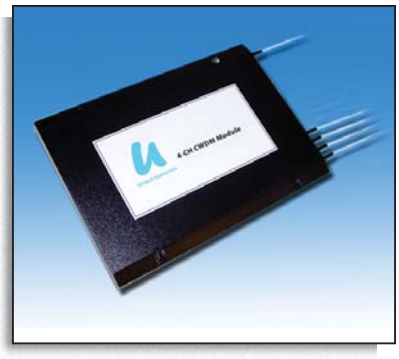
100GHz DWDM Module, 4-CH, 8-CH, 16-CH & 32-CH Multiplexers



Specifications

Parameters		Unit	Specification				
			4-CH	8-CH	16-CH	32-CH	40-CH
Channel Spacing		GHz	100				
Operating Wavelength Range		nm	1525 ~ 1610				
Center Wavelength		nm	ITU Grid				
Passband @ 0.5dB	Min.	nm	± 0.11	± 0.11	± 0.11	± 0.11	± 0.11
Insertion Loss	Max.	dB	2.2	3.2	4.2	5.2	5.5
Insertion Loss Uniformity @ ITU, 23°C	Max.	dB	1.0	1.0	1.5	1.5	1.5
Directivity	Min.	dB	55	55	55	55	55
Optical Return Loss	Min.	dB	45	45	45	45	45
Polarization Dependent Loss	Max.	dB	0.1	0.1	0.2	0.2	0.2
Polarization Mode Dispersion	Max.	ps	0.1	0.1	0.1	0.1	0.1
Operating Temperature		°C	-5 ~ 70				
Storage Temperature		°C	-40 ~ 85				
Max.Optical Power @ Input	Min.	mW	500				
Max. Tensile Load	Min.	N	5				
Fiber Type		-	SMF-28				
Dimension		mm	120x80x9	120x80x9	120x80x15	160x110x15	160x110x15

Note: Return loss without connector; insertion loss does not include connector

Features / Benefits

- Low insertion loss
- Low PDL & PMD
- Compact package

Applications

- DWDM networks

Ordering Information

D	W	1	M		M							

Spacing	Channel #	Type	Lowest Frequency	Fiber Length	Pigtail type	Connector Type
1= 100 GHz	4= 4-CH 8= 8-CH A= 16-CH B= 32 -CH C= 40-CH	M= Mux	e.g. 9290=192.9THz	0=0.5 m 1=1 m 2=2 m 3=3 m	0=250 µm 1=900 µm loose tube	0=None 1=FC/PC 2=FC/SPC 3=FC/APC 4=SC/SPC 5=SC/APC 6=ST 7=FC/UPC 8=SC/UPC 9=MU A=LC

This product information is subject to change without notice.