

100GHZ DWDM MODULE

Specifications

Parameter	Unit	Value					
Channel Number		2	4	8	16	32	40
Central Wavelength	um	ITU-T Grid					
Passband @0.5dB	um	<=0.25					
Passband	um	+/-0.11					
Passband Flatness	dB	<=0.5					
Insertion Loss (Typ.)	dB	1.4	1.6	1.6	3.8	4.8	5.2
Insertion Loss (Max.)	dB	1.8	2.0	3.2	4.5	5.5	6.0
Channel Uniformity	dB	<=0.5	<=1.0	<=1.0	<=1.0	<=1.0	<=1.0
Adjacent Channel Isolation	dB	>=25					
Non-adjacent Channel Isolation	dB	>=45					
Wavelength Thermal Stability	nm/°C	<=0.001					
Insertion Loss Thermal Stability	dB/°C	<=0.005	<=0.005	<=0.007	<=0.007	<=0.008	<=0.008
Return Loss	dB	>=45					
PMD	ps	<=0.10	<=0.10	<=0.10	<=0.15	<=0.15	<=0.15
PDL	dB	<=0.10	<=0.15	<=0.2	<=0.25	<=0.30	<=0.30
Directivity	dB	>=50					
Operation Temperature	°C	-5~+65					
Storage Temperature	°C	-40~+85					
Package Dimension	mm	88.9x50.8x8.3	120x80x13	130x87x13	150x115x13	150x110x19	150x110x19

Ordering Information

DWDM	Channel Spacing	Channels	Configuration	Start ITU Channel	Fiber Type	Fiber Length	Connector
DWDM	1=100GHz 2=200GHz	02=2 Ch 04=4 Ch 16=16 Ch XX=Others	M=Mux D=DeMux	21=ITU 21 22=ITU 22 23=ITU 23 XX=Others	B=SMF-28, 250um L=SMF-28, 900um H=SMF-28, 3mm X=Others	10=1.0m 25=2.5m XX=Others	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC XX=Others