

100G/200G Mini DWDM Module

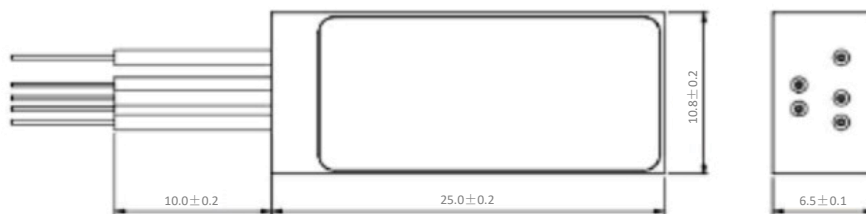


Specifications

Parameters		Unit	4 Channel	8 Channel	16 Channel
Center Wavelength		nm	C Band refer to the ITU Grid Table		
Center Wavelength Accuracy		nm	±0.1		
Channel Spacing		GHz	100/200		
Channel Passband for 100GHz Spacing		nm	100G: ±0.11 (Min)		
Channel Passband for 200GHz Spacing		nm	200G: ±0.25 (Min)		
Insertion Loss (IL)		dB	≤1.5	≤1.8	≤2.5
Isolation	Adjacent	dB	≥30		
	Non-adjacent	dB	≥40		
Insertion Loss Temperature Sensitivity (-10~+70℃)		dB/℃	≤0.005		
Wavelength Temperature Shifting		nm/℃	≤0.002		
Polarization Dependent Loss		dB	≤0.3		
PMD		ps	≤0.10		
Directivity (DIR)		dB	≥50		
Return Loss (RL)		dB	≥45		
Power Handling		mW	≤300		
Fiber Type			SMF-28e		
Operating Temperature		℃	-0 ~ +75		
Storage Temperature		℃	-40 ~ +85		
Dimensions		mm	L25xW10.8xH6.5	L25.8xW14.4xH6.5	L30xW23xH6.5

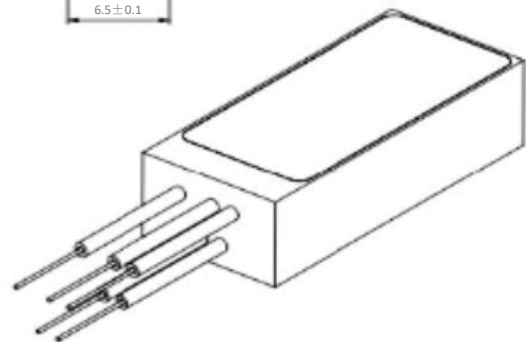
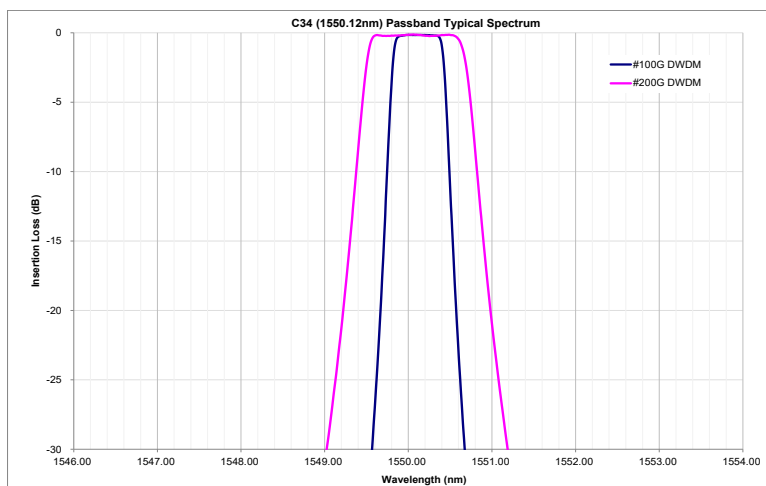
* With connectors, IL+0.3dB, RL5dB.

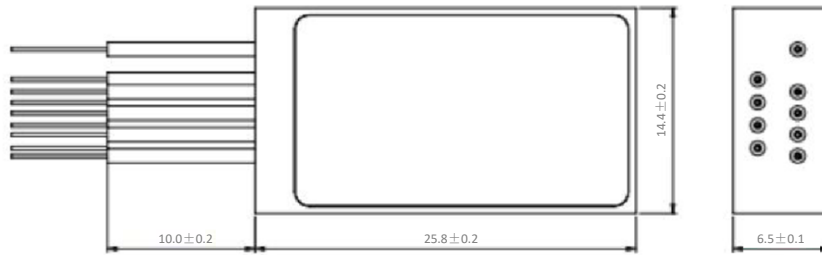
Package Size



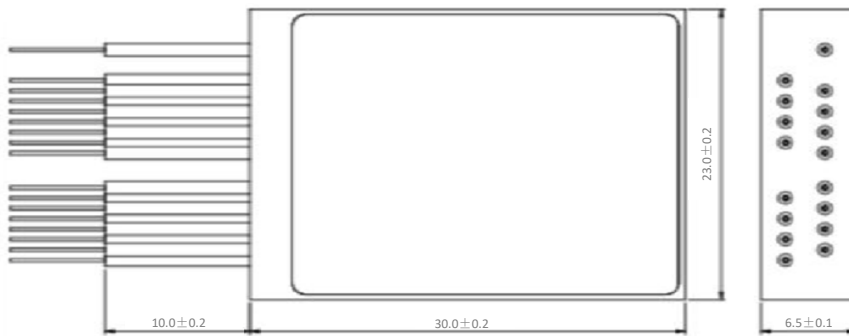
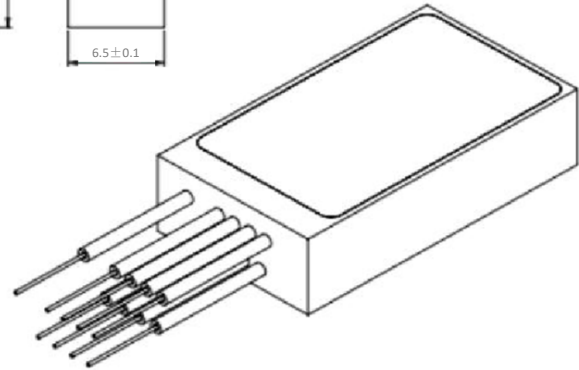
for 2~4 Channel

Typical Passband Spectrum

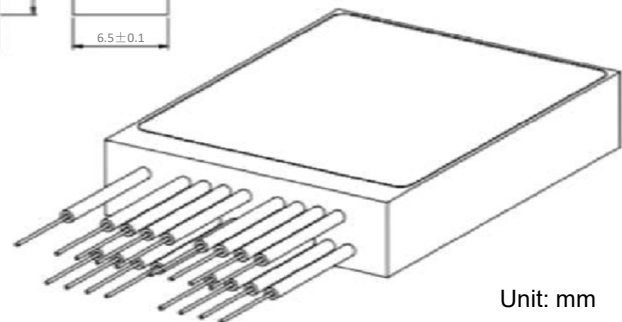




for 5~8 Channel



for 9~16 Channel



Unit: mm

Ordering Information

CDWDM-①-②-③-④④-⑤⑤⑤-⑥-⑦-⑧⑧

①	Channel Space	1=100Ghz; 2=200Ghz;
②	Channel Type	4=4ch; 8=16ch; 16=16ch;
③	Type	M=Mux; D=Demux;
④	Start Channel Number	23=23CH;; 45=45CH;
⑤	Pigtail Type	250=250μm Fiber; 900=900μm Loose Tube;
⑥	Fiber Type	1=SMF-28e;
⑦	Fiber Length	1=1m;
⑧	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others;