

12 Channel 800GHz LAN WDM Module

Features

- High Demux Channel Isolation
- Low Polarization Dependent Loss
- Flat and Wide Passband
- High Reliability

Applications

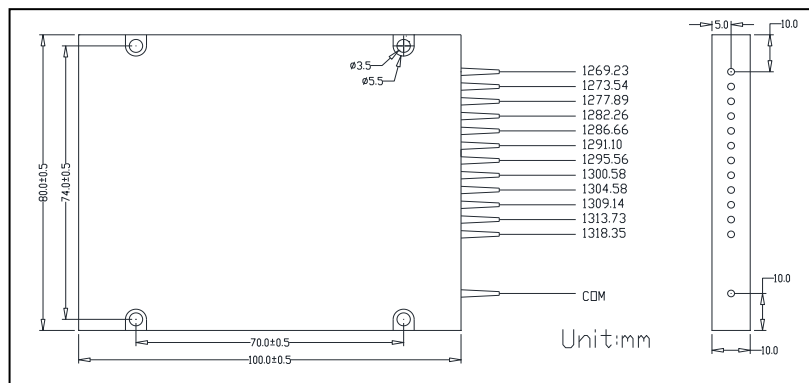
- LAN WDM System
- Line Monitoring
- Telecommunication
- Cellular Application

Specifications

Parameters		Unit	12 Channel
Center Wavelength		nm	1269.23 / 1273.54 / 1277.89 / 1282.26 / 1286.66 / 1291.10 / 1295.56 / 1300.05 / 1304.58 / 1309.14 / 1313.73 / 1318.35
Center Wavelength Accuracy		nm	± 0.05
Channel Spacing		GHz	800
Channel Passband (@-0.5dB bandwidth)		nm	±1.0
Insertion Loss ^[1]		dB	≤4.0
Channel Ripple		dB	≤0.5
Isolation	Adjacent	dB	≥25
	Non-adjacent	dB	≥35
Insertion Loss Temperature Sensitivity (-10~+70℃)		dB	≤0.5
Wavelength Temperature Shifting		nm/℃	≤0.002
Polarization Dependent Loss		dB	≤0.15
Polarization Mode Dispersion		ps	≤0.10
Directivity		dB	≥50
Return Loss		dB	≥45
Power Handling		mW	≤500
Fiber Type			G657A1
Operating Temperature		℃	-10 ~ +70
Storage Temperature		℃	-40 ~ +85
Dimensions ^[2]		mm	100x80x10

^[1] Tested with connector

^[2] LGX package or 19" 1U rackmount available on request



Ordering Information

DWDM- ①-②-③③-④-⑤⑤⑤-⑥-⑦-⑧⑧

Ordering Code	Parameter	Description
①	Type	M=Mux; D=Demux;
②	Channel Space	8=800Ghz;
③	Channel Type	12=12ch;
④	Start Channel Number	C=Customized;
⑤	Pigtail Type	250=250µm Fiber; 900=900µm Loose Tube; 3mm=3mm Loose Tube;
⑥	Fiber Type	1=G657A1;
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;