

400GHz DWDM Module, 4 Channel

Features

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

Applications

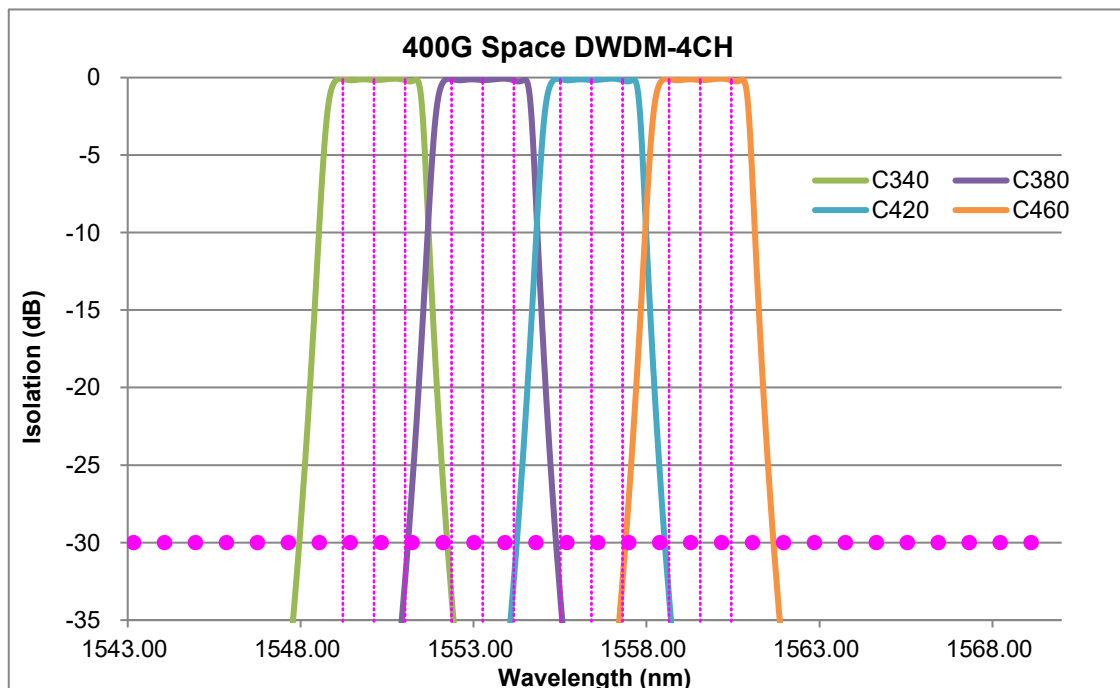
Long Haul DWDM System
Metro DWDM System
Access/Enterprise Network
Test Instrument

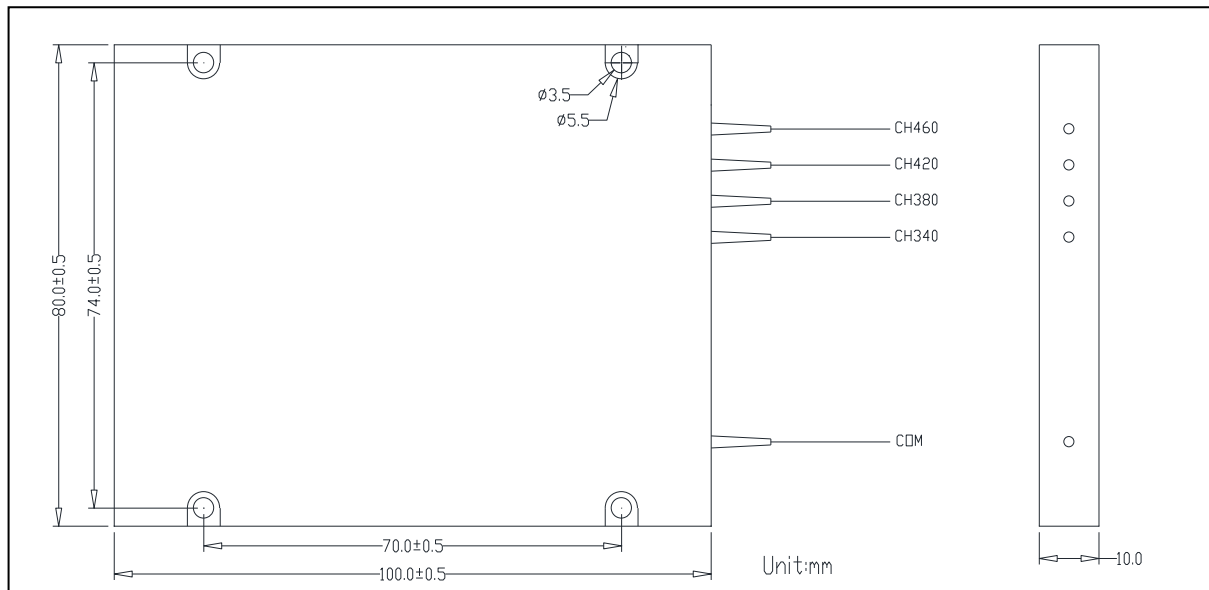


Specifications

Parameters			Unit	4 Channel
Channel Wavelength			nm	ITU 400 GHz Grid
Center Wavelength Accuracy			nm	± 0.1
Minimum Channel Spacing			GHz	400
Channel Passband (@-0.5dB bandwidth)			nm	≥0.8
Insertion Loss			dB	≤2.2, Typ. 1.8
Channel Uniformity			dB	<1.0
Channel Ripple			dB	≤0.5
Isolation	Mux	Adjacent	dB	N/A
		Non-adjacent	dB	N/A
	Demux	Adjacent	dB	≥30
		Non-adjacent	dB	≥40
Insertion Loss Temperature Sensitivity			dB/℃	≤0.003
Wavelength Temperature Shifting			nm/℃	≤0.002
PDL			dB	≤0.10
PMD			ps	≤0.10
Directivity			dB	≥50
Return Loss			dB	≥45
Power Handling			mW	≤300
Operating Temperature			℃	0 ~ +70
Storage Temperature			℃	-40 ~ +85
Dimensions			mm	100x80x10

Typical Spectrum





DWDM- ①-②-③-④④-⑤⑤⑤-⑥-⑦-⑧⑧

①	Type	M=Mux; D=Demux;
②	Channel Space	4=400Ghz;
③	Channel Type	4=4ch;
④	Start Channel Number	21=21ch; 21*=21*ch; 22=22ch; 22*=22*ch;; 72*=72*ch;
⑤	Pigtail Type	250=250μm Fiber; 900=900μm Loose Tube; 3000=3mm 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;