

High Power 100GHz Dense Wavelength Division Multiplexer (DWDM) Module

Features

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

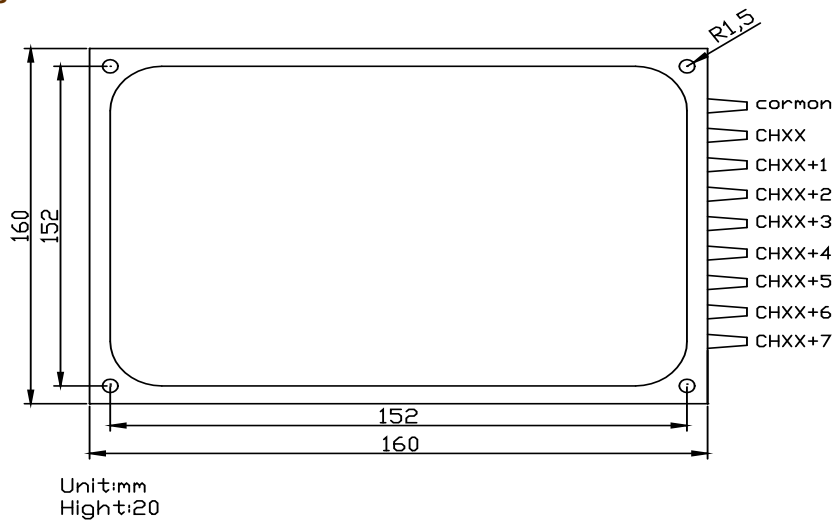
Applications

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

Specifications

Parameters	Unit	1x16
Filter Type	-	100GHz
Pass Bandwidth	nm	+/-0.11
Insertion Loss	dB	≤5.2, typ. 4.2
Passband Flatness	dB	≤0.5, Typ. 0.3
Channel Uniformity	dB	≤1.8
Channel Isolation (Mux)	dB	NA
Channel Isolation (Demux)	dB	≥25
Typ. Polarization Extinction Ratio	dB	≥15
Directivity	dB	≥50
Return Loss	dB	≥45
Center Wavelength Stability	nm/°C	≤0.002
Thermal Stability	dB/°C	≤0.008
Max. Optical Power (CW)	W	2, 8, 10
Tensile Load	N	5
Fiber Type		PM 1550 Panda Fiber
Operating Temperature	°C	-5 to+70
Storage Temperature	°C	-40 to +85
Package Dimensions	mm	160*160*20

Package Dimensions



Ordering Information

HPDWDM- ①-②②②②-③③-④④④-⑤-⑥-⑦⑦

①	Channel Space	1=100GHz;
②	Channel Type	16CH;
③	Start Channel	21=21ch; 21*=21*ch; 22=22ch; 22*=22*ch; ...; 72*=72*ch;
④	Pigtail Type	250=250um Fiber; 900=900um Loose Tube; 3mm=3mm Loose Tube;
⑤	Fiber Type	5=PM1550;
⑥	Fiber Length	1=1m;
⑦	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others;