

High Isolation Dense Wavelength Division Multiplexer (DWDM)

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

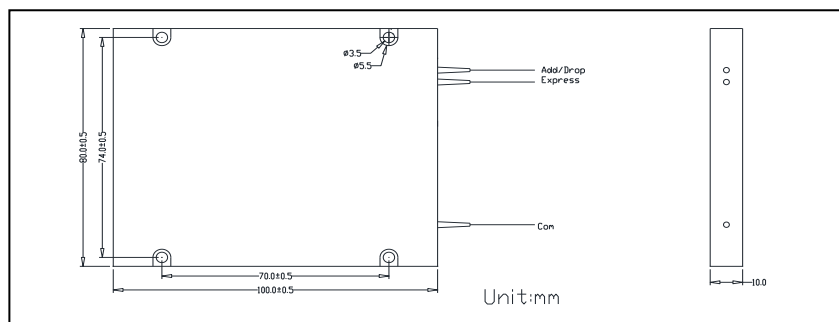
Specifications

Parameters		Unit	100G	200G
Channel Wavelength CWL		nm	ITU Grid	
Center Wavelength Accuracy		nm	±0.05	
Channel Passband (@-0.5dB Bandwidth)		nm	≥0.22	≥0.50
Insertion Loss	Add / Drop CH	dB	≤1.0	
	Express CH	dB	≤1.0	
Isolation	Add / Drop CH	dB	≥40	
	Express CH	dB	≥30 for adj Channel, ≥40 for non-adj Channel	
Insertion Loss Temperature Sensitivity		dB/°C	≤0.003	
Wavelength Temperature Shifting		nm/°C	≤0.002	
PDL		dB	≤0.30	
PMD		ps	≤0.10	
Directivity		dB	≥50	
Return Loss		dB	≥45	
Fiber Type			SMF-28e	
Fiber Length		m	1.0	
Power Handling		mW	≤300	
Operating Temperature		°C	-0 ~ +70	
Storage Temperature		°C	-40 ~ +85	
Dimensions		mm	100x80x10	

* Insertion Loss +0.2dB, and Return Loss -5dB if add connector.

* RoHS Compliant.

Package Dimensions



Ordering Information

HDWDM- ①-②②②-③③-④④④-⑤-⑥-⑦⑦-⑧⑧⑧⑧⑧⑧⑧⑧

①	Channel Space	1=100GHz; 2=200GHz;
②	Channel Type	1CH;
③	ITU Grid	21=21ch; 21*=21*ch; 22=22ch; 22*=22*ch; ...; 72*=72*ch;
④	Pigtail Type	250=250um Bare Fiber; 900=900µm loose tube; 3000=3mm Cable;
⑤	Fiber Type	1=SMF-28e;
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;
⑧	Package	100x80x10; LGX;