

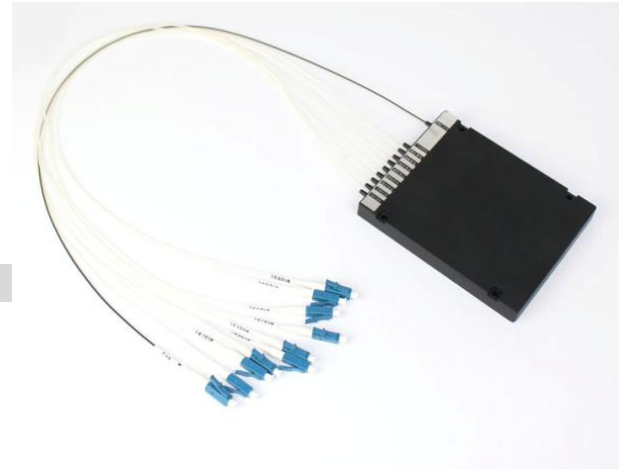
DWDM Mux/Demux Module

1. Features

- Low Insertion Loss
- High Isolation
- Low PDL
- Compact Design
- Good channel-to-channel uniformity
- Wide Operating Wavelength
- Wide Operating Temperature
- High Reliability and Stability

2. Applications

- DWDM System
- PON Networks
- CATV Links



3. Compliance

- Telcordia GR-1209/1221-CORE
- ITU-T G.694.1
- RoHS

4. Specifications

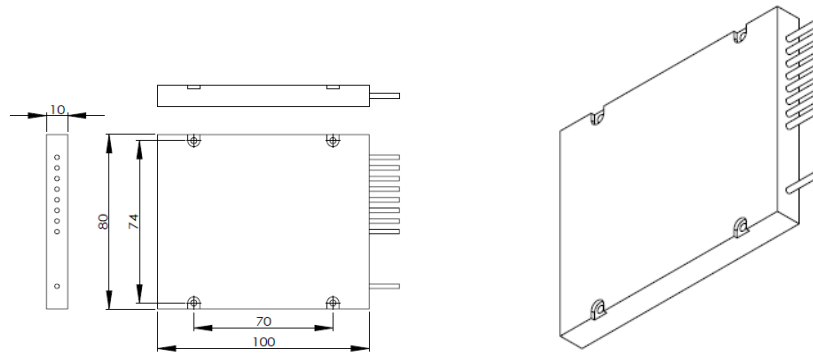
Item		Parameters					
Channel Space (GHz)		100			200		
Channel Number		1*4	1*8	1*16	1*4	1*8	1*16
Center Wavelength (nm)		ITU Grid					
Center Wavelength Accuracy (nm)		± 0.05			± 0.1		
Channel Passband (@-0.5dB) (nm)		0.22			0.5		
Fiber Type		SMF-28e with 900um loose tube or customer specified					
IL (dB)		1.8	3.0	4.0	1.7	2.9	3.8
Passband Ripple (dB)		0.35	0.4	0.5	0.35	0.4	0.5
Isolation (dB)	Adjacent Channel	25			28		
	Non-Adjacent Channel	40					
PDL (dB)		0.2					
PMD (ps)		0.1					
RL (dB)		45					
Directivity (dB)		50					
Maximum Optical Power (mw)		300					
Operating Temperature (°C)		-40~85					
Storage Temperature (°C)		-40~85					
BOX Package (mm)		100*80*10 or 140*115*18					
LGX Package		1U,2U					
19'' Rack mount Package		1U					

Notes:

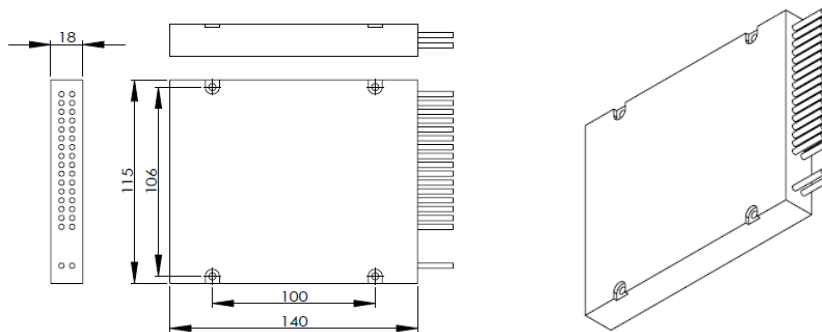
1. Specified without connectors.
2. Add an additional 0.2dB loss per connector.

5. Mechanical Dimensions

DWDM Mux/Demux Module



100X80X10



140X115X18

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