

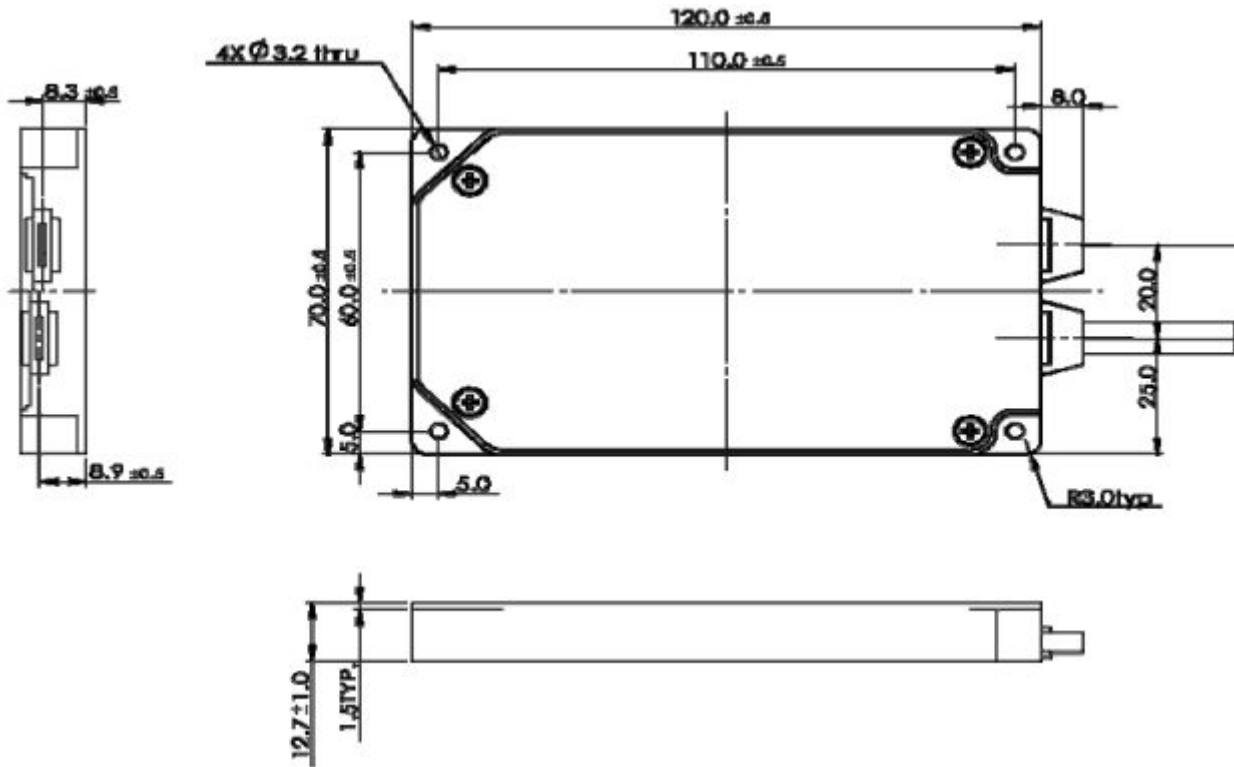
AWG DWDM Module (Athermal)

Features	
Low Insertion loss Accurate Channel Spacing Large channel number High stability and reliability	
Application	
WDM Transmission Metro and Long haul network	

Specifications

Type		Athermal	
Filter Shape		Gaussian	Flat-Top
Number of Channel(ch)		32,40,48	
Channel Spacing (GHz)		100	
Wavelength Accuracy(nm)		±0.05	
1dB Pass Band(nm)		≥0.2	≥0.38
3dB Pass Band(nm)		≥0.4	≥0.58
Insertion Loss (dB)		≤4.5	≤6.0
Ripple In Passband (dB)		≤0.75	≤0.5
Loss Uniformity (dB)		≤1.5	≤1.5
Isolation	Adjacent Channel(dB)	≥25	
	Non-Adjacent Channel (dB)	≥30	
	Total Cross-Talk (dB)	≥20	
PMD (dB)		≤0.5	
PDL (dB)		≤0.5	
Directivity (dB)		≥50	
Return Loss (dB)		≥45	
Pigtail Type		SMF-28e	
Operation Temperature (°C)		-5~+65	
Storage Temperature(°C)		-40~+85	
Package (mm)		120x70x12.7	

Package Dimensions:



Ordering Information

AWG	Channel Space	Filter Sharp	Type	Channel Number	Start ITU Channel	Pigtail Type	Length	Connector
	1=100Ghz	G=Gaussia F=Flat top	A=Athermal t	32=32 channel 40=40 channel 48=48 channel	C21 C22	900=900um loose tube	1= 1m	NE=None FC=FC/UPC SC=SC/UPC FA=FC/APC SA=SC/APC LC=LC/UPC xx=Others