Athermal AWG

Features:
Low Insertion Loss & High Isolation High Stability and Reliability
Application:
High Speed Network

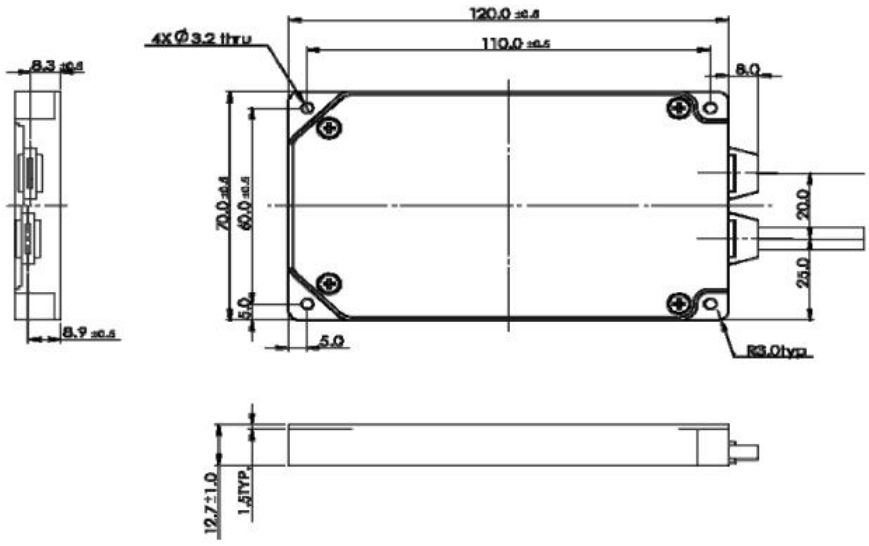
Specifications:

Type		Athermal	
Filter Shape		Flat-Top	Guassian
Number of Channel(ch)		16~48	16~48
Channel Spacing (GHz)		100	100
Wavelength Accuracy(nm)		±0.05	±0.05
1dB Pass Band(nm)		≥0.38	≥0.38
3dB Pass Band(nm)		≥0.58	≥0.58
Insertion Loss (dB)		≤5.5 (Typ 5.0)	≤4.5 (Typ 4.0)
Ripple In Passband (dB)		≤0.5	
Loss Uniformity (dB)		≤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		G657A1	
Operation Temperature (℃)		-5~+65	
Storage Temperature(℃)		-40~+85	
Package (mm)		120x70x12.7 or 19” rack 1U	

*Above specifications are for devices without the connectors.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower

Package Dimensions:



Ordering Information：

AAWG	Port	Wavelength	0	Package Type	Pigtail Type	Length	Connector	Adapter
	16=16 CH 32=32 CH 40=40 CH 48=48c CH	CXX=ITU channel		1=Module 2=1U Rack	2=900um loose tube	H=0.5m 8=0.8m 1=1.0m S=Specify	0=None 6=LC/UPC 7=LC/APC S=Specify	0=None D=Duplx Q=Quard