


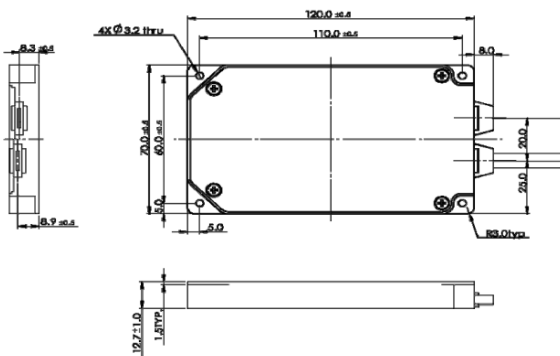
## AWG DWDM Module (Athermal)

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

### Specifications

Type	Athermal	
Filter Shape	Flat-Top	
Number of Channel(ch)	16~48	
Channel Spacing (GHz)	100	
Wavelength Accuracy(nm)	±0.05	
1dB Pass Band(nm)	≥0.38	
3dB Pass Band(nm)	≥0.58	
Insertion Loss (dB)	≤6.0	
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 ( °C)		-5~+65
Storage Temperature( °C)		-40~+85
Package (mm)		120x70x12.7

### Package Dimensions:



### Ordering Information

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