

## AWG DWDM Module (AWG)

<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	Value	
Number of Channel(ch)	40	48
Channel Spacing (GHz)	100	
Center Wavelength (nm)	ITU Grid	
Wavelength Accuracy(nm)	±0.04	±0.04
1dB Pass Band(nm)	≥0.4	≥0.4
3dB Pass Band(nm)	≥0.6	≥0.6
20dB Pass Band(nm)	≤1.2	≤1.2
Insertion Loss (dB)	≤5.5	≤6.0
Ripple (dB)	≤0.5	≤0.5
Loss Uniformity (dB)	≤1.0	≤1.0
Adjacent Cross-Talk (dB)	≥25	≥25
Non-Adjacent Cross-Talk (dB)	≥30	≥30
Total Cross-Talk (dB)	≥22	≥22
PMD (dB)	≤0.5	≤0.5
Chromatic Dispersion (ps/nm)	±15	±20
PDL (dB)	≤0.5	≤0.5
Return Loss (dB)	≥40	≥40
Supply Voltage (v)	5.0±0.25 DC	
Power Consumption (stable stage) (W)	≤6	
Power Consumption (startup stage) (W)	≤12.5	
Pigtail Type	900um loose tube	
Operation Temperature ( °C)	-5~+65	
Storage Temperature( °C)	-40~+85	
Package (mm)	150x65x16	

### Ordering Information

AWG	Channel Space	Passband Profile	Type	Channel Number	Start ITU Channel	Pigtail Type	Length	Connector
	1=100Ghz	F=Flat-Top	A=Athermal type. T=Thermal Type	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 ST=ST/UPC LC=LC/UPC xx=Others