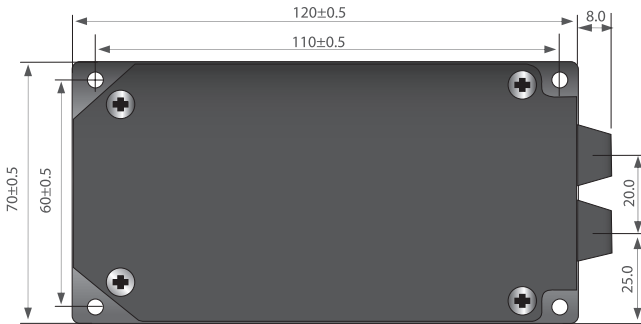


DWDM AWG GRATING MODULE

- Low Insertion Loss
- Low PDL
- High Channel Isolation
- Multi-channel number



The AWG multiplexer/demultiplexer combines and splits many channels of optical signals with different wavelengths useful in DWDM systems. The products feature both Gaussian and flat-top types that offer narrow channel spacing (100GHz) and high adjacent channel isolation at affordable costs.

PARAMETERS		GAUSSIAN	FLAT TOP	UNIT	SPECIFICATIONS*
ITU Band		±12.5		GHz	
Channel spacing		100		GHz	
Number of Channels		16,32,40,48 or customize			
Wavelength accuracy	Max	0.05		nm	
Insertion loss	Max	4.5	6.0	dB	
-1dB passband	Min	0.2	0.3	nm	
-3dB passband	Min	0.4	0.5	nm	
Isolation	Adjacent Channel	25		dB	
	Non-adjacent Channel	30		dB	
Total Crosstalk	Min	20	23	dB	
Ripple in Passband	Max	0.75		dB	
Polarization Dependent Loss	Max	0.5		dB	
Uniformity	Max	1.5		dB	
Directivity	Min	50		dB	
Return Loss	Min	45		dB	
Polarization Mode Dispersion	Max	0.5		ps	
Power Handling	Max	300		mW	
Operating Temperature		-5~70		°C	
Storage Temperature		-40~85		°C	

*Note: Specifications without fiber connectors

CODE	TYPE	CHANNEL COUNT	CHANNEL SPACING	CONNECTOR TYPE	TEMPERATURE CONTROL
F4M-AWG	GT Gauss, Thermal	16 16 channels	05 050GHz	0 None	I Internal
	FT Flat top, Thermal	24 24 channels	10 100GHz	A SC/UPC	E External
		32 32 channels	20 200GHz	B SC/APC	
		40 40 channels	S Specify	C FC/UPC	
		44 44 channels		D FC/APC	
		48 48 channels		E LC/UPC	
		S Specify		Q LC/APC	
				S Specify	

ORDER CODE example:

F4M-AWG- GT - S - 10 - 00 - I

ORDER CODES

Specifications may change without notice. Display Product Photos Shown are samples for viewing, not actual products. Colours and styles may vary.

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