



1、Description

AAWG Gaussian type module, which is based on Silicon PLC optical grating technology, is dense wavelength division multiplexing, using athermal configuration, no need to control the temperature of chip, with low insertion loss, high capacity, stable reliability.

2、Feature

- High number of channels
- High Stability and reliability
- High isolation, low insertion loss

3、Specification

Parameter	Min.	Typical	Max.
Numbers of Channel	40		
Pass band wavelength (nm)	ITU standard		
Offset of Central wavelength (nm)	±0.05		
Spacing (GHz)	100		
1dB Bandwidth (nm)	0.22		
3dB Bandwidth (nm)	0.42		
Insertion Loss (dB)	/	/	3.5
Flatness (dB)	/	/	1.5
Uniformity (dB) @ITU CW	/	/	1.2

XDK Communication Equipment (Huizhou) Co., Ltd.



AAWG 40ch Gaussian-type

Adjacent Channel Isolation(dB)	27	/	/
Non-Adjacent, Channel Isolation (dB)	30	/	/
Return Loss(dB)(with conn.)	40	/	/
PDL(dB)	/	/	0.50
PDM(ps)	/	/	0.50
Maximum Optical Power (mW)	/	/	300
Operating Temperature Range (°C)	-40~85		
Storage Temperature Range(°C)	-40~85		
Fiber Type	Corning SMF 28e+ or equal (or customized)		
Fiber Length (m)	≥1.0 (or customized)		
Package dimension (mm) Max	150x70x12 or customized		

4、Application

- DWDM system
- Metro networks
- ROADM product

XDK Communication Equipment (Huizhou) Co., Ltd.

<http://www.xdkgroup.com>/<http://www.xdkmall.com/>