

AAWG 100G



(AAWG100G)

一、 product description:

Array waveguide particles used in wavelength division multiplexing (WDM-PON) are also called AWGs. This is a method of manual optical transmission products using high-speed transmission. For transmission methods of large-capacity storage signals such as images, telephones, and data, only 16 and 32 members need to be divided into one optical path at a time. Areas that require long-distance transmission are also used.

二、 Product Features:

- 1、 Compact package
- 2、 Dense WDM System
- 3、 Low cost, mass production
- 4、 Upstream and downstream dual frequency bands using a single chip microcomputer

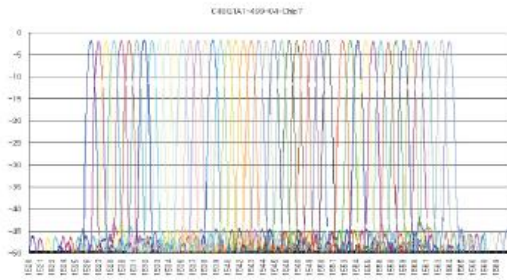
二、 Product application areas:

- CATV, FTTH, ROADM, LAN, WAN systems
- Signal, network monitoring, real-time line monitoring system

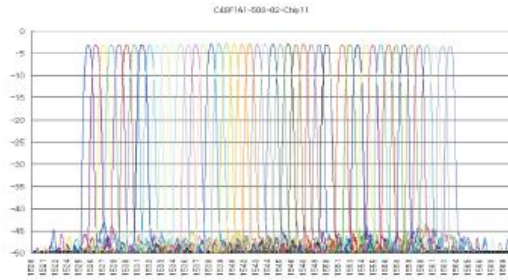
三、 Technical Parameters

parameter	Unit	100Ghz 间距		100Ghz 间距	
		Gaussian	Flat top	Gaussian	Flat top
Wavelength Accuracy	nm	± 0.05	± 0.05	± 0.07	± 0.07
Full 1dB Bandwidth	nm	>0.2	>0.4	>0.4	>0.7
Full 3 dB Bandwidth	nm	>0.4	>0.6	>0.7	>1.0
Optical Insertion Loss	dB	3.7	4.5	3.7	4.5
Loss Uniformity	dB	1.0	1.0	0.8	0.8
Adjacent Channel Crosstalk	dB	27.0	27.0	28.0	28.0
Non-adjacent Channel Crosstalk	dB	30.0	30.0	30.0	30.0
Optical Return Loss	dB	>40	>40	>40	>40
Polarization Loss	dB	<0.5	<0.5	<0.5	<0.5

Dimension	mm	120x70x12.3 / 85x58x113
Operating Temperature	°C	-20- 70



Gaussian



Flat top



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