



AWG Mux./Demux.

AWG Mux. / Demux. is specially designed for multi-channel 100GHz DWDM system with good performance and high stability. It meets the Telecordia GR-1209-CORE requirements.

Features of our AWG:

- 100 GHz (0.8nm) channel space
- High isolation and low crosstalk
- Low insertion loss
- Good channel uniformity

Applications for our AWG:

- DWDM system

Specifications:

Parameter	Gauss	Flat Top	Note
Channel space	100 GHz	100 GHz	Max diff. wl: +/- 0.05nm
Passband @ 1dB	> 0.24 nm	> 0.4 nm	
Passband @ 3dB	> 0.4nm	> 0.6nm	CWL is at ITU-T Grid
Passband width	+/- 0.1 nm	+/- 0.1 nm	
Insertion Loss	typ: 4.5 dB, max: 5.5 dB	<6.5dB	
Uniformity	<1.5 dB	<1.5 dB	
PDL	<0.5 dB	< 0.3 dB	
Adjacent Channel Isolation	> 28 dB	> 30dB	
Non-adjacent Channel Isolation	> 35 dB	> 40 dB	
Total Crosstalk	> 22 dB	> 25 dB	
Return Loss	> 45 dB	> 45 dB	
Operation	-5 C ... +65 C		



Operation Temperature	-5 C ~ +65 C	
Storage Temperature	-40 C ~ + 85 C	
Temperature Controlling	Heater + RTD	RTD 138.5 Ohms@100C
Power Consumption	Max. 5W	
Dimension	110 x 53 x 20 (mm)	L x W x H

Ordering information:

- Connectors: FC/UPC, FC/APC, SC/UPC, or SC/APC
- Channel number: 32, 40 or 48 channels or customer specify
- Passband feature: Gauss type or Flat top

We have unbeatable price for this product.

- Price is updating, please make a request for our most recent price by calling (514) 334-4588 or by emailing sales2@o-eland.com