

ARRAYED WAVEGUIDE GRATINGS

PM 100GHz 14-Channel L-Band Flat-Top AWG

Polarization-maintaining 14-channel L-band flat-top AWG on a 100 GHz grid.



Key Features

- Polarization-maintaining construction
- L-band operation for capacity beyond the C band
- Flat-top passband shape
- Insertion loss ≤ 6.8 dB across the full bandwidth

Applications

- L-band coherent systems
- Polarization-sensitive sensing arrays
- Capacity expansion beyond a filled C band
- Test and measurement

Overview

The L-band flat-top AWG built with polarization-maintaining fiber and alignment. Fourteen channels on a 100 GHz grid, with flat passbands that tolerate transmitter wavelength drift, and polarization state preserved through the device.

Specifications

Optical Performance

PARAMETER	VALUE	UNIT	CONDITIONS
Number of Channels	14		
Channel Spacing	100	GHz	
Insertion Loss	≤ 6.8	dB	Full bandwidth
Fiber Type	Polarization maintaining		

Order or request a quote

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Specifications are subject to change without notice and do not constitute a warranty. Confirm all parameters with Lightwit Photonics sales before ordering.