

ARRAYED WAVEGUIDE GRATINGS

PM 150GHz 40-Channel C-Band Athermal AWG

Polarization-maintaining 40-channel C-band athermal AWG on a wide 150 GHz grid.



Key Features

- Polarization-maintaining construction
- Wide 150 GHz grid with generous passband margin
- Insertion loss 4.8 dB to 5.8 dB worst case
- 16, 24 and 32 channel versions available

Applications

- Coherent detection front ends
- Polarization-sensitive DWDM systems
- Interferometric sensing
- Test and measurement

Overview

The polarization-maintaining build of the 150 GHz, 40-channel athermal AWG. The wide grid gives broad passbands and low insertion loss, between 4.8 dB and 5.8 dB, while PM fiber and alignment preserve the polarization state of every channel.

Specifications

Optical Performance

PARAMETER	VALUE	UNIT	CONDITIONS
Number of Channels	40		16, 24 and 32 channel also available
Channel Spacing	150	GHz	
Insertion Loss	4.8 – 5.8	dB	ITU passband, worst case
Fiber Type	Polarization maintaining		

Order or request a quote

+1 (619) 500-4899 · sales@lightwitphotonics.com

lightwitphotonics.com

Monday–Friday, 8:00 AM – 6:00 PM Pacific

Lightwit Photonics Co., Ltd.

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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.