

ARRAYED WAVEGUIDE GRATINGS

PM 75GHz 64-Channel C-Band Athermal AWG

Polarization-maintaining 64-channel C-band athermal AWG on a 75 GHz grid.



Key Features

- Polarization-maintaining construction
- 64 channels on a 75 GHz grid
- Athermal package with no power requirement
- Insertion loss ≤ 6.0 dB
- 32, 40 and 80 channel versions available

Applications

- Coherent detection front ends
- DWDM systems with polarization-sensitive stages
- Interferometric sensing
- Test and measurement

Overview

The 75 GHz, 64-channel athermal AWG built with polarization-maintaining fiber and alignment. It gives the same middle-ground channel plan as the standard device — more channels than 100 GHz, wider passbands than 50 GHz — while preserving polarization state.

Specifications

Optical Performance

PARAMETER	VALUE	UNIT	CONDITIONS
Number of Channels	64		32, 40 and 80 channel also available
Channel Spacing	75	GHz	
Insertion Loss	≤ 6.0	dB	
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.