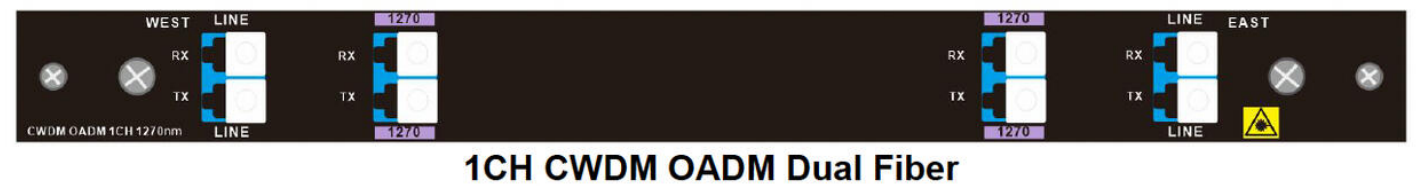


GF-COAMD1-LGX04-Cxx

1-channel CWDM OADM, east / west, C27-C61 selectable

1. Product overview

1-channel CWDM OADM, east / west, C27-C61 selectable. Passive optical filtering adds and drops selected channels in west/east directions while other channels continue along the line.



1CH CWDM OADM Dual Fiber



2. Key features

- Passive operation; no electrical power supply required.
- 1 add/drop channel in each direction; 20 nm channel spacing.
- West / east / add-drop.

3. Applications

CWDM metro/access networks, point-to-point transmission, broadcast, data centers, cloud and enterprise networks.

4. Technical data

Parameter	Specification
Channel / service configuration	1 add/drop channel in each direction
Optical topology	Dual fiber OADM
Technology	TFF (thin-film filter)
Optical connector	LC/UPC
Dimensions	214.5 × 150 × 20 mm (H × W × D)
Net weight	0.5 kg
Mounting	4-slot 1U rack; 44 × 440 × 160 mm; 2.5 kg

5. Recommended operating conditions

Parameter	Specification
Operating temperature	-40 to +85°C
Storage temperature	-40 to +85°C

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6. Optical characteristics

Optical parameter	Specification	Optical parameter	Specification
Selectable CWDM range	1270-1610 nm; selected channel specified when ordering	Return loss	=45 dB
Channel spacing	20 nm	Directivity	=45 dB
Channel passband	±6.5 nm	Polarization mode dispersion (PMD)	=0.1 ps
Insertion loss, channel path	=1.0 dB, channel to west/east	Polarization dependent loss (PDL)	=0.3 dB
Insertion loss, line / link path	=1.2 dB, west-east express	Adjacent channel isolation	=30 dB
Center wavelength accuracy	±0.05 nm	Non-adjacent channel isolation	=45 dB

7. Digital diagnostics and management

No built-in DDM, management protocol or electrical telemetry is specified for this passive device.

8. Safety and regulatory

No product-specific safety certification is specified in the available source. This is a passive optical filtering device.

9. Ordering information

Product number	Description
GF-COAMD1-LGX04-Cxx	1-channel CWDM OADM, east / west, C27-C61 selectable; LC/UPC; LGX4 plug-in module