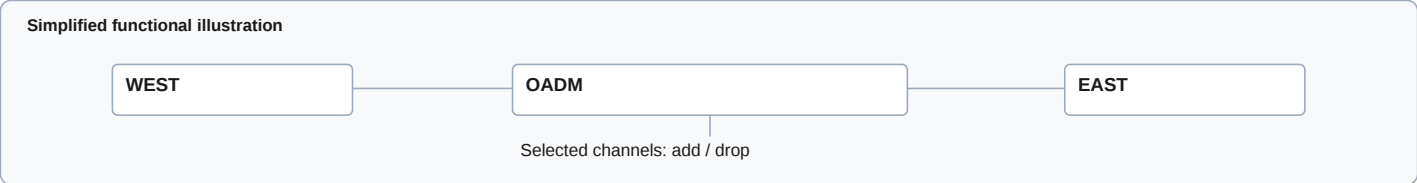


G-COADM-2+1-LX4-xyyy

2+1-channel CWDM OADM, east / west, 1310 nm pass-through

1. Product overview

2+1-channel CWDM OADM, east / west, 1310 nm pass-through. Passive optical filtering adds and drops selected channels in west/east directions while other channels continue along the line.



2. Key features

- Passive operation; no electrical power supply required.
- 2 CWDM add/drop channels + 1310 nm port; 20 nm channel spacing.
- West / east / add-drop / 1310 nm.

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	2 CWDM add/drop channels + 1310 nm port
Optical topology	Dual fiber OADM
Technology	TFF (thin-film filter)
Optical connector	LC/UPC
Dimensions	20 × 214.5 × 150 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

G-COADM-2+1-LX4-xyyy

6. Optical characteristics

Optical parameter	Specification	Optical parameter	Specification
CWDM range	1470-1610 nm; selected pair depends on order	Center wavelength accuracy	±0.05 nm
1310 nm port passband	1260-1360 nm	Return loss	≥45 dB
1310 nm port insertion loss	0.8 dB	Directivity	≥45 dB
Channel spacing	20 nm	Polarization mode dispersion (PMD)	≤0.1 ps
Channel passband	±6.5 nm	Polarization dependent loss (PDL)	≤0.3 dB
Insertion loss, channel path	≤1.5 dB, channel to west/east	Adjacent channel isolation	≥30 dB
Insertion loss, line / link path	≤2.0 dB, west-east	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
G-COADM-2+1-LX4-xyyy	2+1-channel CWDM OADM, east / west, 1310 nm pass-through; LC/UPC; LGX4 plug-in module