



8 CHANNEL DUAL FIBER CWDM MUX/DEMUX

TECHNICAL SPECIFICATIONS

WAVELENGTH INFORMATION

Operating wavelengths: 1460nm – 1620nm (including pass band)
Center wavelengths: 1470nm – 1610nm
CWDM channel spacing: 20 nm
Passband width: ITU ± 6.5nm

FORM FACTOR AND CONNECTOR TYPES

Single-wide LGX
LC/UPC connectors

DIMENSIONS (LxWxH)

Body: 130 x 100 x 28.5 mm
Faceplate: 130 x 28.5mm

TEMPERATURE RANGE

-40° C to 85° C (storage and operating)

WARRANTY

All feature a limited 5-year warranty

COMPLIANCES

RoHS compliant

RELIABILITY

Telcordia GR-1209, GR-1221

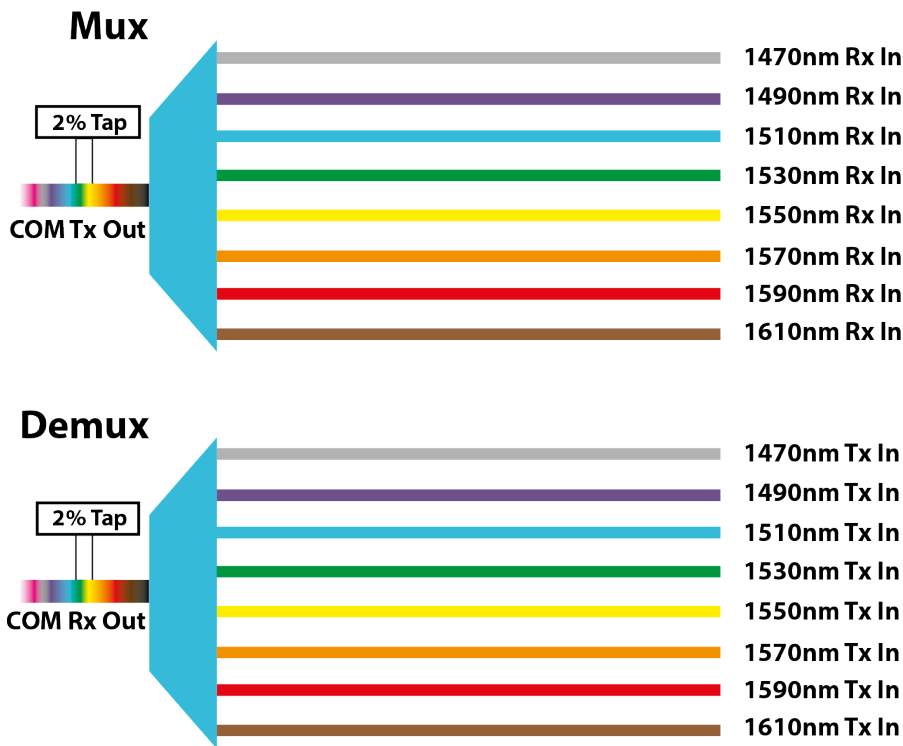
PART NUMBER: ZS-CWDM-AF03M-LL

**CWDM 8 CHANNEL, 1470-1610NM,
SINGLE WIDE LGX WITH 2% MON, LC**

Parameter	Value
CWDM Channel Insertion Loss (dB)	≤ 3.3
Tap Port Insertion Loss (mux/demux, dB)	≤ 22.3 / 19.0
Passband Ripple (dB)	≤ 0.5
Adjacent Channel Isolation between CWDM Channels (dB)	≥ 30
Non-Adjacent Channel Isolation Between CWDM Channels (dB)	≥ 40

Parameter	Value
Polarization Dependent Loss (dB)	≤ 0.2
Directivity (dB)	≥ 50
Return Loss (dB)	≥ 45
Polarization Mode Dispersion (ps)	≤ 0.2
Fiber Type	SMF-28 9 / 125 / 250 μm
Max Power Handling (mW)	300

NETWORK DIAGRAM



ACCESSORIES

For convenient deployment in a standard 19" rack, Champion ONE also offers a 1RU Faceplate with 3 LGX slots (ordered separately from mux).



Parameter	Value
C1 Part Number	LGX1R-FACEPLATE
Dimensions	Fits 19" rack x 1RU (482.6mm x 44mm)

SERVICE AND SUPPORT

Running a network or selling network services and products can be a highly competitive endeavor. To help differentiate your business and enable you to provide more cost effective infrastructure, you require a partner that provides competitive pricing and vertical market expertise. At Champion ONE we understand your needs. We leverage our skills and relationships to:

- Provide network design services and help you explore alternative network designs you may not have considered
- Provide technical and sales support when you need it
- Accept orders for same day shipment up to 3:00 PM EST
- Offer some of the longest warranties in the industry
- Offer a 30-day return policy
- Build a long- term supplier partnership with you

You can rely on Champion ONE, not only for the highest levels of availability for the products you need, but the technical support, customer service and cost consideration you deserve. Our goal is your complete satisfaction.

THE CHAMPION ONE COMMITMENT



For over 25 years, we at Champion ONE have been delivering great value to our customers through high-quality products at competitive prices. As one of the leading OEMs of compatible optical transceivers and a major supplier of optical networking solutions, we take great pride in building long-term relationships as a trusted partner. In this spirit, everything we bring to market bears the Champion ONE Shield™, which strengthens this trust through five core promises: Performance, Availability, Compatibility, Protection, and Value.

GLOBAL HEADQUARTERS

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