



Multicom 1310/1550nm WDM

Description

Today's FTTH systems demand innovative products for a variety of applications. The Multicom WDM (Wavelength Division Multiplexor), supports 2-way RF services operating with a 1550nm forward path and a 1310nm return path - over a single fiber - for seamless integration of video, voice, and data services.

General Features

- Standard LGX Form Factor
- Mounts in a Standard LGX Chassis
- Low Insertion Loss
- Ultra-High Isolation
- Wide Operating Temperature Range
- Telcordia GR-1221-Core Compliant
- Front-Located Ports for Easy Access
- All connectors are SC/APC design for optimal power and reliability
- 1550nm Forward Port, 1310nm Reverse Port, and Common Port



Applications:

The WDM is ideally suited for use in two-way and high density/MDU, CATV HFC, RFoG and FTTH applications as well as in many other fiber optic-based data, video, and voice networks, including Broadband Stimulus and FCC National Broadband applications.

Available in Single and Dual-Port Design - Either version comes in a one-slot LGX Module

Part# - Single Port MUL-WDM-S-1310/1550-SC/APC

Part# - Dual Port MUL-WDM-D-1310/1550-SC/APC

Cassettes fit in the Multicom Fiber Optic Chassis Part# FOCH-CASS

www.multicominc.com

Ph: 800-423-2594



Multicom 1310/1550nm WDM Product Specifications

Key Features:

- Standard LGX Form Factor
- Low Insertion Loss
- Ultra-High Isolation
- Wide Operating Temperature Range
- Telcordia GR-1221-Core Compliant
- Front-Located SC/APC Ports for Easy Access

Applications:

- Wavelength Division Multiplexing
- CATV HFC, RFoG and FTTH Applications
- Optical Test Equipment
- 1550nm Forward Port, 1310nm Reverse Port, and Common Port



Single Port
WDM



Dual Port
WDM

Parameter	Specification
Wavelength range (nm)	1310 ±50nm, 1550 ±20nm
Insertion Loss (dB)	<1.1
Insertion Loss Reflection (dB)	<0.9
Ripple (dB)	<0.3
Isolation (dB)	>30
Isolation Reflection (dB)	>15
PDL (dB)	<0.2
Return Loss (dB)	>45
Operating Temperature (°C)	-5 - -65
Storage Temperature (°C)	-40 - 85
Maximum Input Power (mW)	500
Mechanical Dimensions of GLX module (inches HxWxD)	5.12 x 1.13 x 6.25 (84x18x102mm)

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