

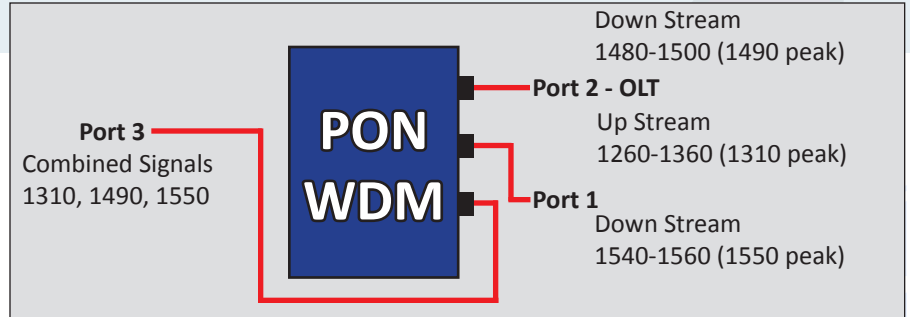


Multicom 1310/1490/1550nm FTTH PON WDM

Product Specifications

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, 1310/1490nm PON Port, and Common Port



Applications:

The WDM is ideally suited for use in two-way and high density MDU, CATV, PON and FTTH applications as well as in many other fiber optic-based data, video, and voice networks.

- FTTH Networks
- CATV Networks
- Optical Test Equipment

Parameter	Specification
Wavelength range - 1550 (nm)	1540 - 1560
Wavelength range - 1310, 1490 (nm)	1260-1360, 1480-1500
Insertion Loss - 1550nm, 1490nm (dB)	<0.8
Insertion Loss Reflection - 1310nm (dB)	<0.5
Ripple (dB)	<0.3
Isolation (dB)	>25
Isolation Reflection (dB)	>18
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 LGX module (inches HxWxD)	5.12 x 1.13 x 6.25 (84x18x102mm)

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

Single Port PN: MUL-WDM-PON-S-1310/1490/1550-SC/APC

Dual Port PN: MUL-WDM-PON-D-1310/1490/1550-SC/APC

Cassettes fit in the Multicom Fiber Optic Chassis **PN: PP-W4U1**

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