



Fiber Optic Micro-Node with PON Pass Through

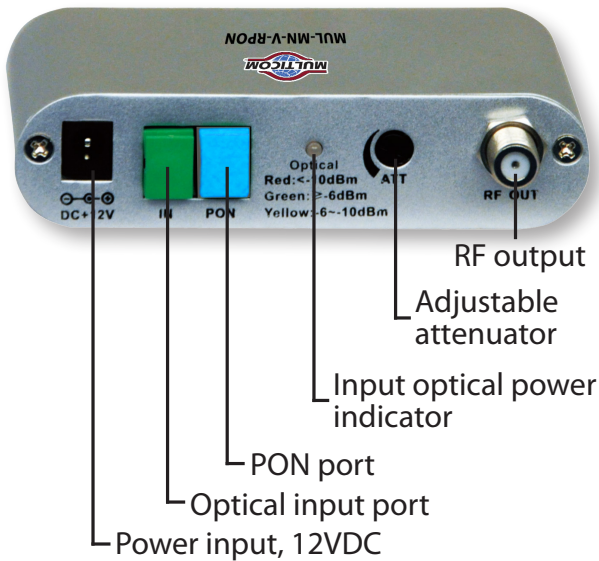
Product Specifications

Description

The **MUL-MN-V-RPON** Fiber Optic Micro-Node with PON Pass Through provides PON/GPON/XPON bidirectional passthrough while providing RF/CATV receiving functionality. It has been specially designed for HFC broadband networks, accommodating FTTH (Fiber to the Home) network topology.

Features

- PON/GPON/XPON bidirectional passthrough
- Optical receiving power up to 0dBm
- Output can be adjusted manually
- GaAs amplification
- Three different color indicators show optical power receiving status
- Efficient power consumption <3W



Optical Transmitter		
Optical Parameter	Specification	
Optical receiving power (dBm)	-10 ~ 0	
Return loss (dB)	>45	
Optical Receiving Wavelength (nm)	1100 ~ 1600 or 1530 ~ 1620	
Optical interface	Input: SC/APC, PON: SC/UPC	
Optical type	Singlemode	
Link Performance		
C/N (dB)	≥46	
C/CTB (dB)	≥62	@ Pin= -6dBm
C/CSO (dB)	≥62	
RF Parameter		
Frequency Range (MHz)	45 ~ 1003	
Flatness in band (dB)	±0.75	
Output level (dBmV)	18	
Output return loss (dB)	≥14	
Output impedance (Ohm)	75	
Consumption (W)	<3	
Operating temperature	-4 ~ 131°F (-20 ~ +55°C)	
Dimensions (LxWxH)	4.3"x 3.1"x 1" (109 x 80 x 26mm)	
Optical power indicators	Green: Optical input power high ≥-6dBm Yellow: Optical input power -6 ~ 10dBm Red: Optical input low <-10dBm	

MUL-MN-V-RPON

www.multicominc.com

Multicom, Inc.
 Ph: 800-423-2594 / 407-331-7779
 Fax: 407-339-0204
 Email: multicom@multicominc.com