



Fiber Optic Micro-Node with PON Pass Through

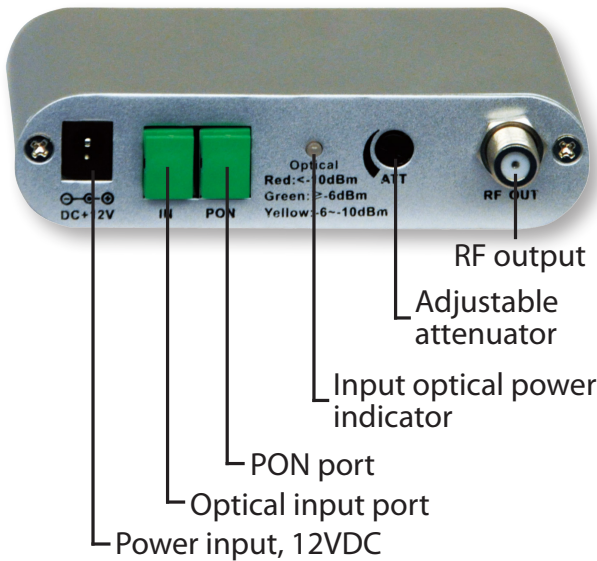
Product Specifications

Description

The **MUL-MN-V-RPON GPON/XGSPON** Fiber Optic Micro-Node with PON Pass Through provides GPON/XGSPON 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

- GPON/XGSPON 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
PON Wavelength	1310 / 1490nm or 1270 / 1577nm
Optical interface	Input: SC/APC
Optical type	Singlemode
Link Performance	
C/N (dB)	≥46
C/CTB (dB)	≥62
C/CSO (dB)	≥62
@ Pin= -6dBm	
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-GPON MUL-MN-V-RPON-XGSPON

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