Netceed

FIBER OPTIC MICRO-NODE WITH XGSPON PASS THROUGH

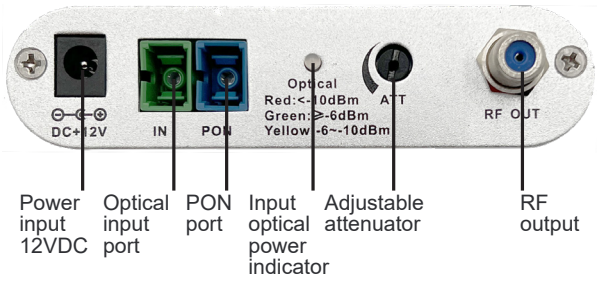
Description

The Netceed MUL-MN-V-RPON/XGSPON Fiber Optic Micro-Node with XGSPON Pass Through provides PON/XGSPON bidirectional pass through while providing RF/CATV receiving functionality.

This node has been specially designed for HFC broadband networks, accommodating FTTH (Fiber to the Home) network topology.

Key Features

- PON/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



Specifications

Optical Parameter	Specification	
Optical Transmitter		
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	@ Pin= -6dBm
C/CTB (dB)	≥62	
C/CSO (dB)	≥62	
RF Parameter	**Specification**	
Frequency Range (MHz)	45 ~ 1003	
Flatness in band (dB)	±0.75	
Output level (dBmV)	18	
Output return loss (dB)	≥14	
Output impedence (Ohm)	75	
Consumption (W)	<3	
Operating temperature	-20 ~ +55°C (-4 ~ 131°F)	
Dimensions (L x W x H)	109 x 80 x 26mm (4.3”x 3.1” x 1”)	

Part Number: MUL-MN-V-RPON/XGSPON