



① Receiving optical power indicator light:
 1、The red light indicates that the power supply is working normally.
 2、The green light indicates that the input light power is within the AGC range.
 3、The red light flashing indicates that the input light power is outside the AGC range.

② Optical input&output ports
 ③ Power supply port (DC5V 0.6A)
 ④ RF OUT

Mini Optical Node(WDM)

Introduction
 MXT-OR-008A WDM small optical node has high performance, good reliability, low power consumption and small size, which is suitable for FTTH network.

- Frequency 40MHz-1002MHz.
- Gallium arsenide amplifier used with a good performance index.
- There is a metric system(or Imperial System) RF connector.
- DC5V or 12V power adapter.
- Small aluminum die cast casing, beautifully shaped, good for home-use.
- Use SC/APC optical connector.

Specifications

ITEM	UNITS	PARAMETER
Optical Parameter:		
Optical Input power	dBm	-18~-2
AGC Range	dB	-10~-0
Optical Input power	nm	1550/1490/1310
Optical Fiber Connector		SC/APC
Optical Return Loss	dB	≥45
Fiber Type		single model
RF Parameter:		
Bandwidth	MHZ	40-1002
Flatness	dB	+/-0.75
Output Impedance	Ω	75
Output Level	dBμV	≥90@-1dBm ≥72@-15~-5dBm
Optical Return Loss	dB	≥45
Distortions:		
C/N	dB	≥43
C/CSO	dB	≥62
C/CTB	dB	≥62

~9dBm receiving optical power, 59 channels PAL-D analog signal + 16 channels digital channel

Others

Voltage Power(V)	DC5V
Power Loss(W)	≤ 2
Operating Temperature(°C)	-0 C~+45°C
Storing Temperature(°C)	0 C~+70°C
Housing Dimensions(mm)	132(L)*80(W)*28(H)

Frame Principle

