

XPON ONU product NO WIFI R1 Series

MCR ONU-XP-R1



Description:

Optical Network Unit (ONU) is a user-side device in PON network, which provides users with access services for data and other services. The main function of the ONU device is to receive optical signals in the downstream direction and convert them into Ethernet messages to be transmitted to the users, and to convert Ethernet messages received from the user's equipment or network into optical signals in the upstream direction and transmit them to the upper-layer network through the PON network. PON network to the upper layer network. R1 series is the optical network unit (ONU) product in XPON series products developed by our company. The product uses passive optical network (PON) technology, which is superior to traditional access products in terms of cost-effectiveness, maintainability, expandability and many other aspects.

The R1 series provides 1 Gigabit Ethernet port, with a CATV RF interface (optional).

Feature:

- Supports automatic EPON/GPON mode switching
- Support HGU function
- Supports PPPoE/DHCP/static IP routing mode and bridge mode
- Supports IPV4 and IPV6 dual mode
- Supports LIN IP and DHCP Server configuration
- Supports port mapping and loop detection
- Support Firewall function and ACL function
- Supports IGMP Snooping/Proxy multicast features
- Support one way CATV RF radio frequency (optional)

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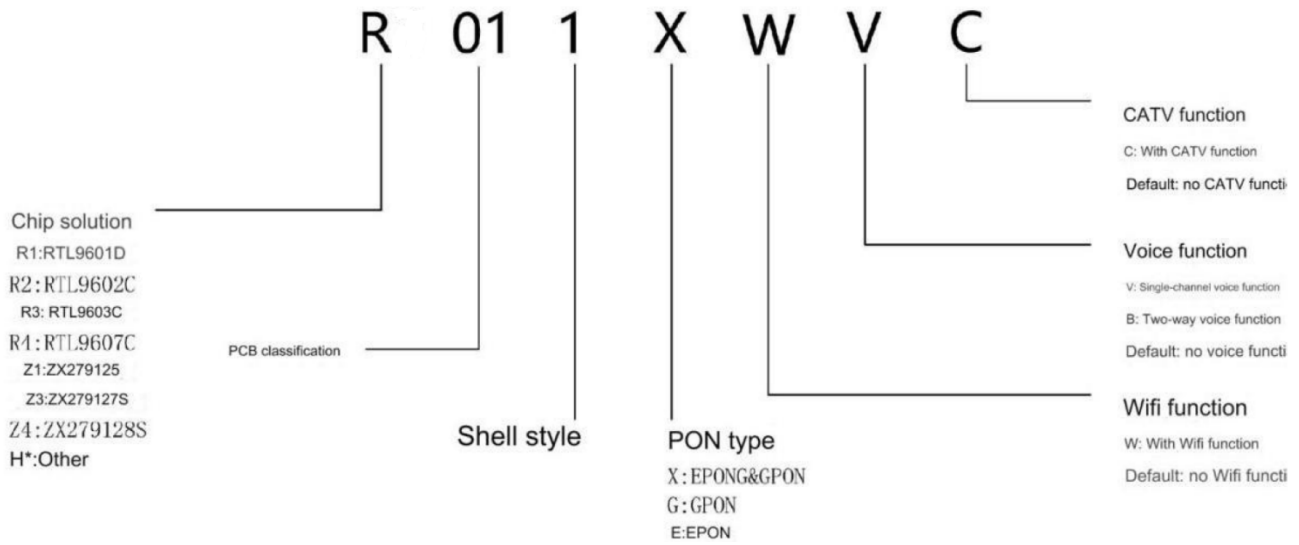
Specifications:

Item	type	Technical Parameters
PON	*Interface Type	No CATV : SC/UPC There is CATV : SC/APC
	Receive sensitivity	≤ -27dBm
	Luminous power	+1~+4dBm
	Transmission distance	20km
	Working wavelength	TX: 1310nm RX: 1490nm
*CATV (optional)	central wavelength	1550nm
	Input optical power	0~-12dBm
	Optical reflection loss	>45dBm
	Frequency Range	47-1006MHz
	flatness	±1dBm (47-1006MHz)
	Output level	≥80dBuv
	Output impedance	75Ω
	AGC	0~-12dBm
	Carrier-to-noise ratio	≥51dB
	CTB	≥65dB
CSO	≥62dB	
*LAN	Interface Type	1 Gigabit RJ45 interfaces
	Transmission mode	10/100/1000M bps adaptive
Power related	Connector	DC005φ2.1mm
	Voltage	12V0.5A
	Rated power consumption	≤ 4W
environment related	Operating temperature	0~+50 °C
	Working humidity	10~85% (non-condensing)
	storage temperature	-30~+60 °C
size and weight	Product Size	110*104*27.5mm
	Package Size	210*140*35mm
	Product Weight	≤ 0.2KG
	gross weight	≤ 0.5KG

*** The above functions can be selected.

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Order Guide:



For example: MCR ONU-XP-R101XC1

According to the model number, this ONU is an XPON with CATV function using the ETL9601D master control program.