

Fibre Optic

GPON-RX W-TV-P

SKU : 287562



OPTICAL NETWORK TERMINAL Series

The GPON RX range considers different models of Optical Network Termination (ONT) for data connectivity to different user terminals (PC, Smartphone, Tablet, VoIP phones, etc.). The ONTs act as a gateway between the FTTH - PON (fibre side) and Ethernet - IP (user side) protocols allowing the management and distribution of traffic for each individual user.

Main Specifications

- Support for ITU standards G.984.1, G.984.2, G.984.3, G.984.4
- Gigabit Ethernet (GE) and Fast Ethernet (FE) interfaces
- Wall or stand-alone mounting
- CATV output
- Remote management and maintenance support
- Passive ONT version for the management of the CATV signal
- WIFI 802.11 b-g-n-ac

Name		GPON-RX W-TV-P
Code		287562
Section PON		
Connector type		SC/APC single mode
Wavelength	nm	RX: 1490 / TX: 1310
Maximum transmission speed	Gbps	1,25 (Uplink) / 2,5 (Downlink)
Optical saturation	dBm	-8 @ 1310nm'
Sensitivity of the optical receiver	dBm	up to -27 (@1490nm)
Ethernet section		
Ethernet (LAN) ports		+1x10 - 100M, 1x10 - 100 - 1000M & auto negotiation in Full - Half mode duplex' +RJ45 connector, Auto MDI - MDI X
WIFI section		
Operative mode		Router or Bridge
Compatibility / standard		IEEE 802.11bgn
Bitrate	Mbps	300
2.4GHz frequency range	GHz	2,400 - 2,483
5GHz Frequency range	GHz	-
Antenna features		-
Encryption		802.11i security: WEP 64/128, TKIP (WPA PSK) and AES (WPA2 PSK)

Name			GPON-RX W-TV-P
CATV section			
Wavelength	mm		1550 (±10)
Optical return loss	dB		45
Optical input level	dB		-18 ~ +2
RF frequency range	MHz		47-1000
RF output level	dBm		82 (@7dBm)
Impedance	dB		75
Connector			F connector
POTS section			
Connector type			RJ11 (1x FWS)
Standard			G.711A/G.711U/ G.723/G.729 codec T.30/T.38/G.711 Fax mode, DTMF Relay
Management			
Management mode			Bridging and Routing
Management option			+the receiver can be managed remotely via DATA GPON TX +Support for remote management via SNMP and Telnet +Local network management from command line and WEB interface +Status monitoring, configuration, alarm management, log management & events'
General features			
Supply voltage	Vdc, mA		12 / 0.5 (power supply included)
Consumption	W		<10
Status LED			Registration, SYS, LINK / ACT
Operating temperature	°C		from -5 to +55
Storage temperature	°C		from -30 to +60
Weight	g		300
Dimensions	mm		185 x 33 x 122
Barcode			8016978104024
Packing			Single
Packaging dimensions	mm		290x155x50
Gross weight	g		490