



GPON / FTTH OPTICAL NETWORK TERMINAL

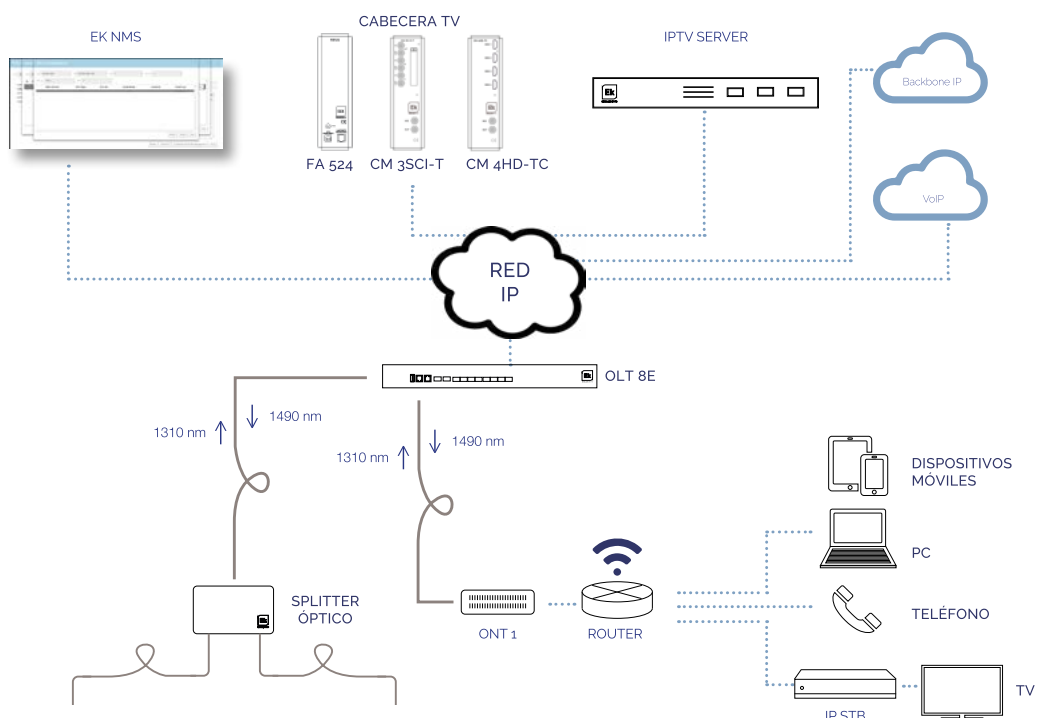
ONT 1



- ✓ GPON Optical Network Unit for SOHO and residential purposes
- ✓ Market routers compliant media converter
- ✓ 1x Autoadaptive 10/100/1000Base-T Ethernet ports
- ✓ Compatible with ITU-T G.984.x standard. Meets all requirements for creating ultra high speed FTTH networks
- ✓ 2,5Gbps maximum downlink / 1,25 Gbps uplink speed
- ✓ Local and remote management. OMCI, Web, CLI and SNMP



ONT1





TECHNICAL TABLES

REFERENCE	ONT 1
Code	310002
Throughput	Downstream: 2.488Gbps Upstream: 1.244Gbps
Connector	SC/PC
Optical specifications	ITU-T G.984.2 Clase B+
Standards	ITU-T G.984.x (G.984.5 support) FCC 47 CFR Part 15, Class B FDA 21 CFR 1040.10 & 1040.11, Class I IEEE 802.3 Ethernet 802.1 q/p VLANs
Optical wavelength and power	Downlink Wavelength: 1490nm Sensitivity: -27dBm Saturation: -8dBm Uplink Wavelength: 1310nm Transmission power: 0.5 - 5dBm
Fiber mode	G.652 Monomode
Others	64 GEM ports Flexible mapping between GEM ports and T-CONTs Queues priority Upstream traffic management FEC (Forward Error Correction) DBA Remote firmware upgrade
Ethernet specifications	
Standards	IEEE802.1
Interfaces	1x10/100/1000BASE-T port. RJ45 Connector Auto negotiation Auto MDI/MDIX
Router functionality (switching & routing)	Bridging & Switching (802.1d) 802.1p DSCP mapping VLAN labeling and filtering VLAN stacking (Q-in-Q) Dying Gasp MACs automatic addressing IGMP v2/v3 Snooping and MLD v2/v3
General specifications	
Working temperature	-5 - 45°C
Voltage	12V DC,0.5A max
Dimensions	110 x 96 x 52 mm
Weight	300g (aprox.)