



## GPON FTTH SOLUTION OLT-8CH



REF. 769401



### COST-EFFECTIVE SOLUTION THAT ENABLES TRIPLE PLAY SERVICES



**Televes-OLT-8CH** is the service provider compact end point for customers willing to deploy an FTTH infrastructure using GPON technology.

Specially designed for medium/small residential environments and compatible with ITU-T G.984X , **Televes-OLT-8CH** is a cost-effective solution that enables triple play services (Data, TV, telephone) for up to 512 subscribers with 2,5Gbps/1,24Gps downstream/upstream bandwidth.

#### ✓ Product Highlights

- Range up to 60Km.
- Remote operation and monitoring.
- Standard Gigabit Ethernet Uplinks 10x1 GbE / 2x10GbE.
- Rackable 1U.
- Secure and reliable communications.
- TV integration IPTV and RF Overlay.

#### ✓ Product range

REF.	DESCRIPCION
769401	OLT-8CH
769410	SFP-GPON
769501	ONT GPON 4xGbE, 2xFXS, 2xUSB, WLAN
769502	ONT GPON 4xGbE, 2xFXS, 2xUSB, WLAN, RF Overlay
769503	ONT GPON 1xGbE, RF Overlay

# GPON FTTH SOLUTION

## OLT-8CH

### ✓ Main Features

- Up to 64 ONT per PON.
- Priority management.
- IPTV IGMPv2 / v3 protocol.

### ✓ Technical Specifications

Art.number	769401	
<b>GPON</b>		
Downstream / Upstream bit rate	Gbps	2.488 / 1.244
AES Encryption		
ONT per PON (512 subscribers)		>64
Logical Range	Km	60
Maximun Differential Distance	Km	20
<b>L2 layer</b>		
Transparent conversion from Ethernet to GPON		
Load balancing		
Priority management		
Full wire speed GPON Performance		
<b>IPTV Features</b>		
IGMP v2 / v3		
Multicast		
IPTV streams		>1024
<b>Management</b>		
Remote management using SNMP and HTTP protocols		
<b>General</b>		
Temperature conditions	°C	5 to +45
Relative Humidity Range	%	95
Powr supply	VDC	-40,5 to -57,0

### ✓ Example of Application

