Televes reserves the right to modify the product

Domestic SMATV optical micro-receiver, 1200...1600 nm, equipped with OLC technology

Domestic optical micro-receiver; receives one optical signal in the 1200 nm-1600 nm range and restores it on one RF output (47 MHz-2400 MHz), with amplification.
Equipped with OLC technology.
Perfect for FTTH applications.

Ref.	231110
Logical ref.	OE1216T
EAN13	8424450167946

Other features

Plug type	EU plug

Packaging info

Box	1 pcs.
Bucket	109 pcs.

Physical data

Net weight	284.00 g
Gross weight	304.00 g
Width	146.00 mm
Height	60.00 mm
Depth	35.00 mm
Main product weight	224.00 g

Highlights

- Plug & Play: self-regulating
- Low-impact visual design and limited size

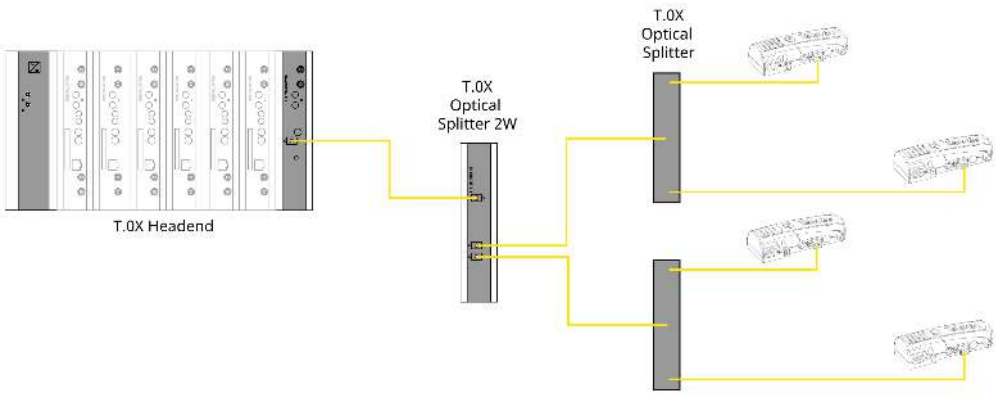
- The OLC (Optical Level Control) technology automatically adjusts the parameters to achieve a constant output level, irrespective of the channel load
- Self-controlled output level with an outstanding C/N
- Wide reception optical range
- Integrated high-performance switched-mode power supply: Low power consumption

Main features

- Provides optical input power information thanks to a LED indicator scale
- SC/APC connectors
- Can be wall-mounted using screws

Application example

Application for distribution to 32 users.



Technical specifications : Ref. 231110

RF connectors		"F" female
Frequency range	MHz	47 ... 2400
Impedance	Ω	75
Return losses	dB	> 11
Flatness	dB	-1.5 ... 1.5
Output level	dBµV	80
C/N	dB	> 51
Wavelength	nm	1200 ... 1600
OLC range	dBm	-10 ... -1
Optical input power	dBm	-13 ... 2
Optical return losses	dB	> 40
Optical connectors		SC/APC
Optical device		InGaAs pin photodiode
Input voltage	Vac	110 ... 230
Max. current	mA	32
Max. power consumption	W	1.6
Operating temperature	°C	-5 ... 45
Protection index (IP)		20