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Domestic MATV optical micro-receiver equipped with OLC technology

1550 nm

Domestic optical micro-receiver; receives one 1550 nm optical signal and restores it on one RF output (47 MHz -1006 MHz) with amplification.

Equipped with OLC technology.

Perfect both for FTTH applications and as a RF Overlay receiver on GPON networks.

Ref.231111	196-264 VAC	
Art.Nr		OE1500T
EAN13		8424450177983
Ref.231181	108-132 VAC	
Art.Nr		
EAN13		8424450179123

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
- 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 optical connectors, and F-type connectors for RF
- Can be wall-mounted using screws

Technical specifications

RF output		
RF connectros		F
Bandwidth	MHz	47- 1006
Impedance	Ohm	75
Return losses	dBm	> 11
Flatness	dB	± 1,5
Typ. level of self-regulated RF output	dB μ V	80
CNR	dB	> 51
Optical input		
Wavelength	nm	1550
OLC range	dBm	-8 ... +1
Max optical input power	dBm	2
Min. input optical power recomm.	dBm	-10
Optical return losses	dB	> 40
Optical input connector		SC/APC
Optical device		InGaAs pin photodiode
General		
Max. current	mA	19
Max. power	W	1,7
Operating temperature	°C	-5 ... +45
Protection index		IP20