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Domestic MATV optical micro-receiver equipped with OLC technology

1200...1600 nm

Domestic optical micro-receiver; receives one optical signal in the 1200 nm-1600 nm range and restores it on one RF output (47 MHz-1006 MHz), with amplification.

Equipped with OLC technology.

Perfect for FTTH applications.

Ref.231110	196 VAC-264 VAC
Art.Nr	OE1216T
EAN13	8424450167946
Ref.231180	108 VAC-132VAC
Art.Nr	
EAN13	8424450167953

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

Technical specifications

RF output		
RF connectros	type	F
Bandwidth	MHz	47- 1006
Impedance	Ohm	75
Return losses	dBm	> 11
Flatness	dB	± 1,5
Typ. level of self-regulated RF output	dBμV	80
CNR	dB	> 51
Optical input		
Wavelength	nm	1200 - 1600
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	type	SC/APC
Optical device	type	InGaAs pin photodiode
General		
Mains voltage	V~	196-264
Max. current	mA	19
Max. power	W	1,7
Operating temperature	°C	-5 ... +45
Protection index		IP20