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Domestic SMATV optical micro-receiver

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-2400MHz) with amplification. Perfect for FTTH applications.

Ref.2311

Art.Nr	OE1216
EAN13	8424450144930

Highlights

- Plug & Play: self-regulating
- Low-impact visual design and limited size
- 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 optical connectors, and F-type connectors for RF
- Can be wall-mounted using screws

Technical specifications

RF output		
RF connectros	type	F
Bandwidth	MHz	47- 2400
Impedance	Ohm	75
Return losses	dB	>= 11
Gain	dB	autoregul.
Flatness	dB	± 1,5
Typical level of self-regulated RF output for 41 TV channels	dB μ V	84
Optical input		
Wavelength	nm	1200-1600
Detection bandwidth	MHz	1 - 3000
Max. optical power received	dBm	2
Min. optical power received	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	30
Max. power	W	3
Operating temperature	°C °F	-5 ... +45 +23 ... +113
Protection index		IP20