

Item no.: 389897

OME1216E - Optical mini receiver 47-1006 MHz 12001600nm

from **157,71 EUR**

Item no.: 389897
shipping weight: 0.50 kg
Manufacturer: Teledes



Product Description

Mini optical receiver for small community systems; receives an optical signal in the 1200 nm -1600 nm range and restores it to an RF output (47 MHz-1006 MHz) with amplification. Equipped with OLC technology. Ideal for RF overlay, FTTH and FTTH applications. Highlights- Using OLC (Optical Level Control) technology, the parameters are automatically set to achieve a constant output level regardless of the channel load.- Equipped with pre-equalisation, attenuation and equalisation controllers to adapt the output signal to the characteristics of the coaxial network. Equipped with pre-equalisation, attenuation and equalisation controls to adapt the output signal to the characteristics of the coaxial network- High output voltage (RF amplification) and improved C/N- Broadband optical reception- Low power consumption Features- Optical SC/APC connectors and F connectors for RF Specification Forward channel- Frequency range MHz 47... 1006- Output impedance Ohm 75- OLC input level dBm -8 ... +1dBm- Ripple dB \pm 1- Outputs 1- Output level OLC activated, output 1 dB μ V 100- CNR dB >51- CSO dB >60- CTB dB >60- Noise equivalent input value pA/ Hz < 6- Gain control (2 dB steps) dB 0 ... 18- Pre-emphasis dB 3 / 7 / 9- Wavelength nm 1200 ... 1600- Opt. return loss dB >40- Opt. connector type SC/APC- Max. optical power dBm 2- Optical device type InGaAs pin photodiode General- Current voltage / Max. Consumption Vdc/mA 11 / 340 ... 35 / 140- Test socket dB -30 \pm 1- HF connections type F- Housing material Zamak/ABS- Operating temperature $^{\circ}$ C -5 ... +45- Protection class IP 30- EMC compatibility EN 50083-2- Safety EN 60825-1_200-7 Physical data- Net weight: 500 g- Gross weight: 500 g- Width: 187 mm- Height: 89 mm- Depth: 34 mm- Main product weight: 500 g

Specifications

Scan this QR code to
view the product
All details, up-to-date
prices and availability

