

Item no.: 389978

## OLT1510K - Optical Transmitter 9dBm 1510nm CWDM,SCAPC In.

from **509,17 EUR**

Item no.: 389978  
shipping weight: 0.70 kg  
Manufacturer: Teledes



### Product Description

CWDM optical transmitter specially designed for indoor installation. This device receives a satellite signal from an RF broadband LNB and terrestrial band and distributes it to up to 64 users via an optical fibre output in the 1510nm window with 9dBm optical power. Thanks to the optimised technology and low losses, the number of amplifiers required can be reduced, making it easier to use in shared installations while maintaining signal quality throughout operation. This device is part of the Overlight system, which distributes satellite and terrestrial signals to multiple users via a single optical fibre. It can also be amplified. Highlights- High output level, ideal for community systems with up to 64 splits- Designed for use in 4-satellite transmission- Low losses- Optimised electronics- Very compact dimensions (137x126x45 mm) low weight- For indoor use- Powered by an external power supply, via the power input (F connector)- 100% European design, quality and manufacture- SC/APC connector for optical components- F connector for RF input- Highly shielded zamak housing- Wall and pole mounting- Power supply and adapter cable included- LED signal status indicator Technical data Inputs/frequency band TERR Frequency range- MHz 47 ... 694 Input level - dB $\mu$ V 83 ... 95 Power supply inputs- Vdc 11.7 ... 17.7 Max. Max. current drop - mA 500 V Frequency range - MHz 290 ... 2340 Input level - dB $\mu$ V 70 ... 85 Power supply inputs - Vdc 11.7 ... 17.7 Max. Max. current drop - mA 500 V Frequency range - MHz 290 ... 2340 Input level - dB $\mu$ V 70 ... 85 Power supply inputs- Vdc --Max. Current flow - mA --Max. Max. current throughput across all inputs- mA 720 Impedance- ? 75 Laser - MQW-DFB uncooled Wavelength - nm 1510 Optical output power - dBm 9 RF connections- F socket Optical connections - SC/APC Power supply- Vdc 12 ... 18 Max. Power consumption - W 5.6 Current consumption - mA < 430 Operating temperature-  $^{\circ}$ C -5 ... 45 Power supply input voltage - Vac 100 ... 240 Max. Power supply unit input current- mA 600 Power supply unit output voltage - Vdc 12 Max. Power supply output current- A 1.5 Physical data Net weight:- 400g Gross weight:- 641g Width:- 138mm Height:- 123mm Depth:- 45mm Main product weight:- 400g

### Specifications

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

