

Item no.: 389974

## OLR4 - Optical back converter Quad 4 x DCSS

from **212,41 EUR**

Item no.: 389974  
shipping weight: 0.40 kg  
Manufacturer: Teledes



### Product Description

This optical converter is responsible for capturing an optical television signal (1100...1650nm), processing it and restoring the original satellite and terrestrial television signals to deliver Legacy or dCSS signals on its 4 RF outputs. Thanks to its optimised electronic behaviour and low losses, it is possible to reduce the number of amplifier devices required and simplify its use in collective installations, while maintaining signal quality from start to finish. In addition, it is suitable for use in GPON installations and perfectly adapted to dCSS applications. This device is part of the Overlight system, which distributes satellite and DTT signals to multiple users via a single optical fibre.

**Highlights-** Very compact dimensions and weight (137x120x30mm)- Compatible with GPON installations- Low losses- Optimised electronic behaviour- 100% European design, quality and manufacturing

**Features-** Optical SC/APC connector- F connectors for RF- Highly shielded zamak housing- Wall mounting possible- Power supply included (Art.No. ACHSUPSU-EU)- LED display to indicate the signal status

**Technical data:** TERR Number of outputs- 4 dCSS Number of outputs- 4 Number of legacy outputs- 4 Impedance- 75 Output type - TERR Output voltage dB?V - 69 ... 73 Output frequency range MHz - 87 ... 694 Output type- dCSS Output voltage dB?V- 80 Output frequency range MHz- --Output type- Legacy Output voltage dB?V- 64 ... 71 Output frequency range MHz- 950 ... 2150 dCSS standard - Germany (EN50494/EN50607) Wavelength - nm 1200 ... 1600 Optical device- InGaAs pin photodiode Optical input level- dBm -13 ... -6 RF connections- F socket Optical connections- SC/APC Power supply - Vdc 12 ... 18 Max. Current consumption (@12V)- mA 750 Max. Current consumption (@18V)- mA 530 Operating temperature - °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 unit output current- A 1.5 Power supply unit protection index- 23 Power supply unit operating temperature- °C -5 ... 45 Physical data Net weight:- 381g Gross weight:- 381g Width:- 138mm Height:- 125mm Depth:- 45mm Main product weight:- 381g

### Specifications

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

