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## Overlight Quattro Optical Receiver

FM/DAB/UHF/SAT

### Enhanced electronics and optical engineering to light up your TV

This complete optical Wideband satellite and terrestrial receiver captures the TV optical signal on a single fiber (1100...1650nm) and restores the original terrestrial and satellite TV signals, providing 4 RF outputs with Quattro mode: one of the four TVSAT polarity and band combinations is provided on each connector.

Thanks to its optimized electronics and low losses, it allows to reduce the number of amplifiers required and simplifies deployment in the design of collective installations, preserving the signal quality throughout the process. Furthermore, it is fully indicated for use in GPON installations.

This product is certified with the European IRS Certification Scheme mark, representing that it has passed the relevant test as set out in the latest EICS test specification, available from the DTG or CAI.

Ref.237540

Art.Nr

OLR44

EAN13

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### Highlights

- Very compact in dimensions and weight
- Compatible with GPON deployments
- Low losses
- Optimized electronic behavior
- 100% european design, quality, and manufacturing

## Main features

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- SC/APC optical connector
- F-type RF connectors
- High-screening Zamak chassis
- Can be wall-mounted using screws
- LED indicator displaying signal status
- Compatible with conventional multiswitches in the NevoSwitch series, and with other IRS systems

## Technical specifications

<b>TERR number of outputs</b>		1
<b>Legacy number of outputs</b>		4
<b>Frequency range TERR</b>	MHz	87 ... 694
<b>Frequency range SAT</b>	MHz	950 ... 2150
<b>Impedance</b>	$\Omega$	75
<b>Output type</b>		TERR Legacy
<b>Output level</b>	dB $\mu$ V	79 ... 83 64 ... 71
<b>Wavelength</b>	nm	1200 ... 1600
<b>Optical device</b>		InGaAs pin photodiode
<b>Optical input level</b>	dBm	-13 ... -6
<b>Powering</b>	Vdc	12 ... 18
<b>Max current @12V</b>	mA	750
<b>Max current @18V</b>	mA	570
<b>Operating temperature</b>	$^{\circ}$ C	-5 ... 45