



## 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 (1200...1600nm) and restores the original terrestrial and satellite TV signals, offering one terrestrial TV output and four satellite TV outputs in quattoro mode, providing one band and polarity combination in each connector (HH, HL, VH, VL).

Thanks to its optimized electronics and low losses, it is possible to reduce the number of amplifiers required and simplify deployment in collective installations, while preserving 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.

<b>Ref.</b>	237640
<b>Logical ref.</b>	OLR44N
<b>EAN13</b>	8424450319284

## Packaging info

<b>Box</b>	1 Units
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## Physical data

<b>Net weight</b>	840.00 g
<b>Gross weight</b>	960.00 g
<b>Width</b>	149.00 mm
<b>Height</b>	130.00 mm
<b>Depth</b>	43.00 mm
<b>Main product weight</b>	670.00 g

## Highlights

- Very compact in dimensions and weight
- Compatible with GPON deployments
- Low losses
- Optimized electronic behavior
- 100% European design, quality, and manufacturing
- SC/APC optical connector
- F-type RF connectors
- High-screening Zamak chassis
- Can be wall-mounted using screws
- Multiple powering options: remotely through the multiswitch (requires power through all satellite connectors) or via power supply

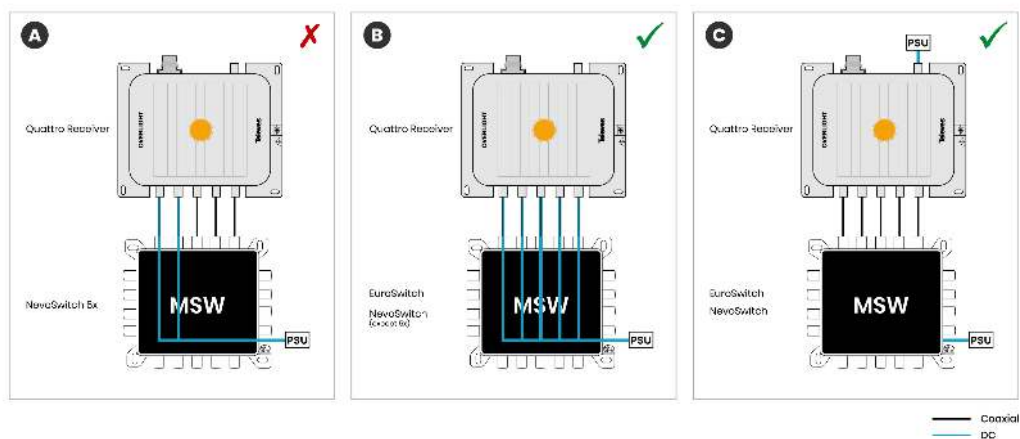
## Application example

**A)** Incorrect power supply via multiswitch without current pass-through on all its connectors.

**B)** Correct power supply via multiswitch with current pass-through on all its

connectors (compatible with EuroSwitch and NevoSwitch, except NevoSwitch 5x).

**C)** Correct power supply via external power supply unit (ref. 830209/732210).



Technical specifications : Ref. 237640

TERR number of outputs			1
Legacy number of outputs			4
Impedance	Ω		75
Output type		TERR	Legacy
Output level	dBμV	79 ... 83	64 ... 71
Output frequency range	MHz	87 ... 694	950 ... 2150
Wavelength	nm		1200 ... 1600
Optical device			InGaAs pin photodiode
Optical input level	dBm		-13 ... -6
RF connectors			"F" female
Optical connectors			SC/APC
Powering	Vdc		12 ... 18
Max current consumption (@12V)	mA		790
Max current consumption (@18V)	mA		560
Operating temperature	°C		-5 ... 45

These measurements are conditioned to the use of an Overlight transmitter