

OPTICAL RECEIVERS

Ref. 237640/50

Overlight optical receivers for Wideband satellites and terrestrial capture the optical TV signal (1200...1600nm) sent by the optical transmitters and recover the original terrestrial and satellite TV signals.

Depending on the type of services to be received, two models are available:

■ **Ref. 237640: Overlight Quattro Optical Receiver:**

It provides 4 RF outputs with Quattro mode: one of the four TVSAT polarity and band combinations is provided on each connector. Power is supplied through the multiswitch.

■ **Ref. 237650: Overlight Quad Optical Receiver:**

It provides 4 RF outputs with Quad mode: the four polarities and bands are provided on each connector. Power is supplied through the receiver (STB).



REF.	DESCRIPTION	EAN 13
★ 237640	Optical Receiver Quattro	8424450319284
★ 237650	Optical Receiver Quad	8424450319291

OPTICAL RECEIVERS	Ref.	237640		237650	
Inputs/Bands	Type	TERR	LEGACY	TERR	LEGACY
Number of outputs		1	4	4	4
Output level	dBμV	79...83	64...71	69...73	64...71
Output frequency range	MHz	87...694	950...2150	87...694	950...2150
Impedance	Ω	75			
Wavelength	nm	1200...1600			
Optical device	Type	InGaAs pin photodiode			
Optical input level	dBm	-13...-6			
RF Connectors	Type	F "Female"		F "Female"	
Optical Connectors	Type	SC/APC			
Powering	Vdc	12...18			
Max. current consumption (@12V)	mA	750			
Max. current (@18V)	mA	570		530	
Operating temperature	°C	-5...+45			
Weight	g	670			
Dimensions (xyz)	mm	149 x 130 x 43			

These measurements are conditioned to the use of an Overlight transmitter.