

QUATTRO OPTICAL CONVERTER FM/DAB/UHF-SAT

OPTICAL LNB RANGE

REF.	PROD. CODE	DESCRIPTION	EAN 13
237003	OMS44TSN	OP./RF CONVERTER QUATTRO FM/DAB/U-SAT	8424450183717
237050	PSU24	20V-1,2A PSU (OPTICAL CONVERTER)	8424450184943



➕ Converter for systems based on optical LNBs (ref.2353, ref. 235310 and ref.236801) that **recovers the original RF signal**, obtaining at its output in separate connectors the terrestrial band and the four combinations of polarity and band for satellite (VL, HL, VH & HH).

- Besides it features:
- Gain switch for the satellite band (three positions Low - Med - High gain)
 - LED indicating the presence of RF signal
 - Compact design

REF.	PROD. CODE	mm	g	U./Packing
237003	OMS44TSN	121 x 80 x 26.5	175	1/box
237050	PSU24	45 x 80 x 95	85	1/box

⚙ The converter must be powered using the 20Vdc PSU (ref. 237050).
Other products in the range are:

- Fibre optic splitters:
 - Ref.235701 2 outputs 4dB
 - Ref.235801 3 outputs 5,5dB
 - Ref.235901 4 outputs 7dB
 - Ref.236001 8 outputs 10,1dB
- Optical attenuators
 - Ref.2354 5dB
 - Ref.2365 10dB
 - Ref.2366 15dB



REF.237050



Reference / Prod. Code		237003 / OMS44TSN
TVSAT		
Bands and polarities	MHz	HORIZONTAL HIGH: 1100 - 2150 ≥15.5V + 22kHz VERTICAL HIGH: 1100 - 2150 ≤14.5V + 22kHz HORIZONTAL LOW: 950 - 1950 ≥15.5V VERTICAL LOW: 950 - 1950 ≤14.5V
Rejection Terrestrial Band	dB	30
Output level	dBμV	High Gain: 78 Med Gain: 73 Low Gain: 68
FM / DAB / DTT		
Frequency Range	MHz	FM: 88 - 108 DAB: 174 - 240 TDT: 470 - 790
Rejection SAT	dB	35
Output level	dBμV	82@1mux 78@6mux
Optical		
Wavelength	nm	1100 - 1650
Optical Input Power	dBm	mín: -12.2 máx: -3
Powering		
Voltage	Vdc	10.5 - 20
Consumption	mA	500@10.5V 430@12V 260@20V
Mechanical		

Reference / Prod. Code		237050 / PSU24
Mains Voltage	Vac	100 - 240
Frequency	Hz	50 - 60
Output Voltage	Vdc	20
Max. Output Current	A	1,2
Operating Temperature	°C	-5... +45

