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dCSS twin optical converter FM/DAB/UHF/SAT

This accessory for systems equipped with an optical LNB, receives an optical TV signal (1100 nm-1650 nm) and restores the original RF signal. Provides 2 RF outputs, both mixed terrestrial and satellite TV signal. The converter supports Legacy, SCR I (EN50494), SRC II (EN50607) and SKY SCR modes.

Ref.237201

Art.Nr

OMS12T

EAN13

8424450184653

Main features

- FC/PC optical connectors, F-type connectors for RF
- Status Indicator with green LED
- Plastic cover included, to protect the unit and the connectors

Technical specifications

RF Output				
Satellite				
Frequency Bands	Horizontal High	MHz	1100 - 2150 \geq 15.5V + 22kHz	
	Vertical High		1100 - 2150 \leq 14.5V + 22kHz	
	Horizontal Low		950 - 1950 \geq 15.5V	
	Vertical Low		950 - 1950 \leq 14.5V	
Return Loss		dB	\geq 10	
Normal Impedance		Ω	75	
Gain Variation Across Band		dB	\leq 7	
Terrestrial Rejection		dB	35	
Nominal Outputs Level (Legacy)		dB μ V	75	
SCR				
SCR Standard		SCR I (EN50494) / SCR II (EN50607) / SKY		
dSCR User Bands		2x16		
Nominal Outputs Level (dSCR)		dB μ V	72	
FM/DAB/DTT				
Frequency Range		MHz	47 - 790	
	FM		88 - 108	
	DAB		174 - 240	
	DTT		470 - 790	
Return Loss		dB	\geq 10	
Normal Impedance		Ω	75	
Gain Variation Across Band		dB	\leq 5	
Satellite Rejection		dB	35	
Typical Output Level	Multiplexes	dB μ V	FM/DTT	
	1		DAB	
	6		76	64
			71	60
Optical Input				
Optical				
Optical Wavelength		nm	1100 to 1650	
Optical Return Loss		dB	45	
Optical Input Power	Min.	dBm	-12	
	Max.		-3	
>General				

Electrical			
Power Supply Voltage		V	20 (AC/DC Adaptor)
Consumo di corrente		mA	≤ 430
Mechanical			
Temperature ranges	Operating	°C	-5 ... +50
	Storage		-40 ... +70
Optical Input		tipo	FC/PC
RF Output connectors		tipo	F-femañe