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Optical converter to RF Quad 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 4 RF outputs, with Terr. + SAT combination signal on each connector.

Ref.236903

Art.Nr

OMS4TSN

EAN13

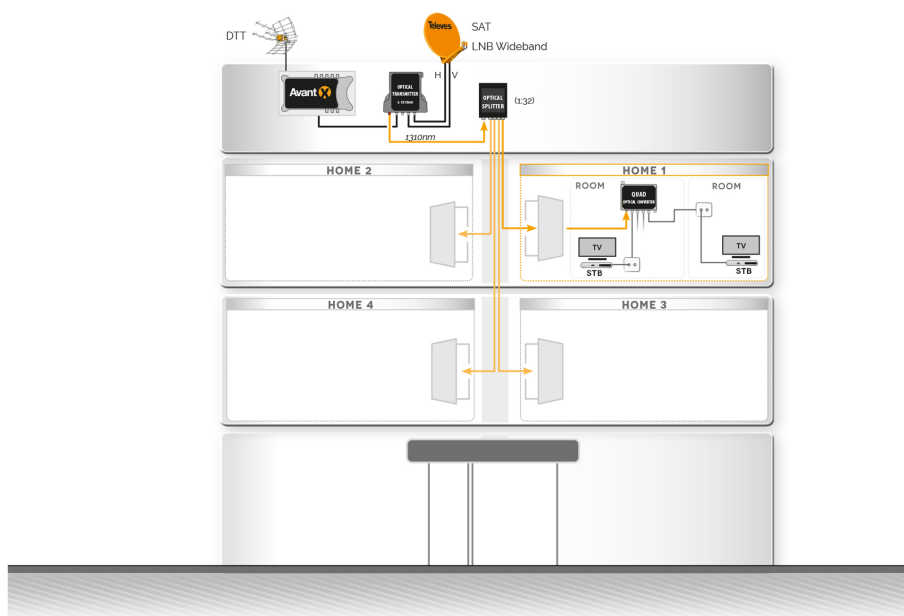
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Highlights

- Switch for satellite gain regulation with three different levels: low, medium and high
- RF signal presence LED indicator
- Accepts terrestrial TV signal mix (FM/DAB/UHF)
- Limited size
- FC/PC optical connectors, F-type connectors for RF

Application example

(Click to see the picture)



FTTH (DTT + SAT)

Technical specifications

Salida RF	Satellite			
	Horizontal High Band		MHz	1100 - 2150 ≥15.5V + 22KHz
	Vertical High Band		MHz	1100 - 2150 ≤14.5V + 22KHz
	Horizontal Low Band		MHz	950 - 1950 ≥15.5V
	Vertical Low Band		MHz	950 - 1950 ≥15.5V
	Return Loss		dB	≥ 10
	Nominal Impedance		Ω	75
	Gain Variation Across Band		dB	≤ 7
	Terrestrial Rejection		dB	30
	Typical Outputs Levels		dBμV	70
	FM / DAB / TDT			
	RF Frequency Range		MHz	88 - 790
				FM 88 - 108
				DAB 174 - 240
DTT 470 - 790				
Return Loss		dB	≥ 10	
Nominal Impedance		Ω	75	
Gain Variation Across Band		dB	≤ 5	
Satellite Rejection		dB	20	
Typical Outputs Levels	N° Multiplexes	dBμV	FM/DTT	
	1		76	
	6		72	
Optical Input	Optical			
	Optical Wavelenght		nm	1100 to 1650
	Optical Return Loss		dB	45
	Optical Input Power	Min.	dBm	- 15
		Max.		0
General	Electrical			
	Power Supply Voltage		V	10 to 20 by AC/DC adaptor or Set Top Box
	Current Consumption		mA	230 @ 10V (RX1 and RX2) 230 @ 10V (RX3 and RX4)
	Mechanical			
	Temperature ranges	Operating	°C	-15 ... +55
		Storage		-20 ... 70
	Optical Input		Typ	FC / PC
	RF Output connectors		Typ	4 x F- female