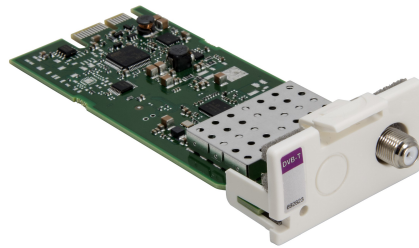


connecting the future



TDH 800 Frontend - DVB-T/T2 [COFDM]

Article number: 692823

Product description:

DVB-T/T2 frontend module

The DVB-T/T2 frontend module is an input module for the reception of both T and T2 digital terrestrial signals. The module can receive a complete terrestrial MUX and send all services in the MUX to the TDH 800 pool.

The DVB-T/T2 frontend module includes a tuner, with integrated gain control and channel filtering, and a COFDM demodulator with serial transport stream input to the TDH 800 system.

Features:

- Reception of HD and SD services
- Software downloading through TDH 800 system controller module
- Preconfiguration from/to file through system controller module
- Log to file/flash
- All services will be transferred to the TDH 800 pool

Specifications

ORDER INFORMATION

EAN Number	5702666928234
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CHARACTERISTICS

Code rates DVB-T	1/2, 2/3, 3/4, 5/6, 7/8
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Code rates DVB-T2	1/2, 2/3, 3/4, 5/6
Constallations DVB-T	QPSK, 16QAM, 64QAM
Constallations DVB-T2	QPSK, 16QAM, 64QAM, 256QAM
Demodulator Type	COFDM
FFT mode DVB-T	2K, 8K
FFT mode DVB-T2	1 K, 2K, 4K, 8K, 16K, 32K
Guard Interval DVB-T	1/4, 1/8, 1/16, 1/32
Guard interval DVB-T2	1/4, 1/8, 1/16, 1/32, 1/128
Input level	40 ... 85 dB μ V
FREQUENCY	
Bandwidth	7/8 MHz
Input frequency range	VHF III 177.5 - 226.5 MHz /UHF 474 - 858 MHz
GAIN	
Input noise figure	< 7.0 dB
RETURN LOSS	
Input return loss	> 6 dB
ELECTRICAL	
Impedance	75 Ω
OPERATIONAL	
DC Operating voltage	12 VDC
Temperature - operating	-10...50 °C
Temperature - storage	-20 ..70 °C
DC Current consumption	200 mA
Humidity - operating	20 to 80 %
Humidity - storage	10 to 90 %
CONNECTORS	
Input connector	F-female
Number of inputs	1
MECHANICAL	
Dimensions product (H x D x W)	29 x 132 x 50 mm
Packaging Depth	0,175 m
Packaging Height	0,040 m
Total Weight	0,080 kg

Packaging Width	0,075 m
Net Weight	0,047 kg
Packing QTY	1
Tara Weight	0,033 kg
Packaging Volume	0,001 m3
