

8x DVB-S/S2 to 8x DVB-T Transmodulator 14MM-TDX481

The TERRA TDX481 is a DVB-S/S2 to DVB-T transmodulator with powerful processing and management abilities, 8x DVB-S/S2 inputs and up to 8x DVB-T outputs. The TDX481 has a built-in SNMP and web control for easy management of services and general setup. In addition, the TDX481 can multiplex services from any input to any output for total flexibility.

Features and Benefits

- » 8x DVBS/S2 to 8x DVB-T output
- » Service multiplexing - any input to any output
- » Simple web control and SNMP monitoring with an onboard email client
- » MER \geq 35 dB (170-230 MHz / 470-862 MHz)
- » 2x bonded 4 channel output blocks
- » Full LNB powering control



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Sections input/output	8/8
RF Input	
RF Input Count	1
Frequency Range	55-95 dBQV / 75 ff
Level/Impedance	0/13/18 V & 500 mA max. DiSEqC 1.0, EN50607, EN50494
Return Loss	≥ 10 dB
Loop Through Frequency Range/Loss	950-2150 MHz / ≤ 1.5 dB
Standard	DVB-S/S2*
Modulation	QPSK, 8PSK, APSK 8/16/32
Symbol Rate	2 ÷ 45 Ms/s
RF Output	
Standard	DVB-C
Modulation	QAM16, QAM32, QAM64, QAM128, QAM256
Frequency Range	96-862 MHz
Channel Allocation, Adjacent	4+4
Level/Impedance	90 3 2 dBQV/75 ff
TS Bit Rate	< 53 Mbit/s
MER	≥ 40 dB
Channel Bandwidth	4...8.3 MHz
Guard Interval	-
Code Rate	-
Symbol Rate	3.5 ÷ 7.2 Ms/s
Return Loss	≥ 10 dB
Roll Off	15%
Transmission Mode	-
Total Output Level Adjustment	0 ÷ -15.0 dB by 1 dB step
Loop Through Frequency Range/Loss	47-862 MHz / ≤ 2.5 dB
Transport Stream Parameters	
Management Port	standard IEE802.3 10/100 Base T
Supply voltage	12 V 3 1 V
Current consumption, without external load	1.2A
Current consumption, with maximum external load	2.2A
Operating Temperature Range	0° ÷ +35°C
Dimensions/Weight (packed)	63x198x112 mm / 1.24 kg