

Features and Benefits

- » Web interface via Ethernet port
- » TS monitoring via Web interface
- » Loop through RF distributing at input and output
- » Robust diecast housing
- » SNMP monitoring
- » Converts satellite signals (Q/8PSK) to DVB-T output

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Headend Equipment

Matchmaster has a full range of Headend Equipment from entry level to complex systems, including engineering support and system designs. Matchmaster can offer simple Channel Filters with AGC through to complex DVB modules for any type of broadcast including Encoders, Modulators & Transmodulators for DVB-T, DVB-C, DVB-S/S2, IP, ASI, SDI, FM and many more.



DVB-S/S2-DVB-T Transmodulator 14MM-TDX410C



For the Best

14MM-TDX410C Specifications

RF Input		
Frequency Range	950-2150MHz	
LNB Powering/Control	0/14/18 V & 300 mA max. DiSEqC 1.0	
Level/Impedance	45-85dB μ V/75 Ohm	
Loop Through Gain	-1 \pm 1dB	
Standard	DVB-S	DVB-S2
Modulation	QPSK	QPSK, 8PSK
Bandwidth	-	
Symbol Rate	2 \div 45 Ms/s	
Code Rate	1/2, 2/3, 3/4, 5/6, 7/8	QPSK 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 8PSK 3/5, 2/3, 3/4, 5/6, 8/9, 9/10
Roll Off	35%	20%, 25%, 35%
RF Output		
Frequency Range	170-230/470-860MHz	
Level/Impedance	90 \pm 2dB μ V/75 Ohm	
Spurious Level	< -60dB	
Loop Through	47-2150MHz/ \leq 2.5dB	
Frequency Range/Loss		
MER	\geq 35dB	
Modulation DVB-T	QPSK, QAM16, QAM64	
Channel Bandwidth	7/8MHz	
Guard Interval	1/4, 1/8, 1/16, 1/32	
Code Rate	1/2, 2/3, 3/4, 5/6, 7/8	
Transmission Mode	2K/8K	
Output Level	0 \div -15.0dB by 1dB step	
Adjustment Range		
Transport Stream Parameters		
Max. Bit Rate	31670kbps	
Max. PID filter count*	31	
PCR Restamping	up to 5 PID's (services)	
Management Port	Standard IEEE802.3 10/100 Base T	
Current Consumption**	12 V 400 mA	
Operating Temperature	- 20 °- + 50 °C	