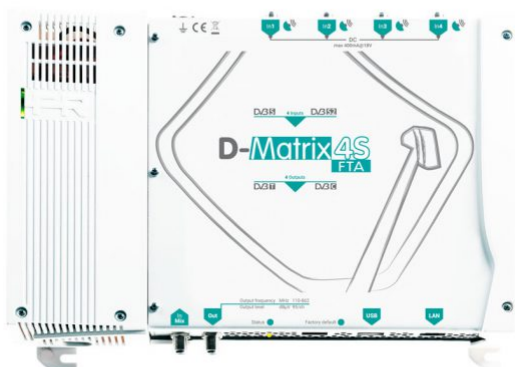


D-MATRIX-4S FTA



D-Matrix series, compact head end for transmodulation from 4 DVB-S2 transponders to 4 DVB-T multiplex

CODE	283135	
Inputs		
Input no.	4	
Demodulation	DVB-S2 (8-PSK, QPSK), DVB-S (QPSK)	
Band	MHz	950-2150
Channel width	MHz	6,7,8
AFC dynamics	kHz	±5
Symbol rate	Msymbol/sec	16469
FEC	1/2, 2/3, 3/4, 5/6, 7/8, AUTO	
LNB controls	DiSEqC 1.0	
Level	dBμV	50-80
Outputs		
Generated channels	no.	4 (2 pairs of adjacent mux)
Standard	DVB-T / DVB-C	
Channels range	S2-E69	
Frequency	MHz	111-862
Tuning step	kHz	250
Level	dBμV	95

Level adjustment	dB	0-20
Flatness in band		±1.5
MER	dB	≥36
Spurious rejection	dB	<-50
Spectrum		Normal, inverted
Mode of operation		Normal, single carrier
DVB-T Modulation		
Modulation		QPSK, 16-QAM, 64-QAM
Carriers number		2k, 8k
Guard interval		1/4, 1/8, 1/16, 1/32
FEC		1/2, 2/3, 3/4, 5/6, 7/8
DVB-C Modulation		
Modulation		16QAM, 32 QAM, 64QAM, 128QAM, 256QAM
Band of each channel	MHz	Related to the output symbol rate
FEC		Reed Solomon (204, 188)
Symbol rate	Msymbol/sec	1000-6999
Features		
Programming mode		Web interface
Consumption	W	38
Common interface		N.A.
Dimensions	mm	305x230x54
Operating temperature	C°	-0.090909