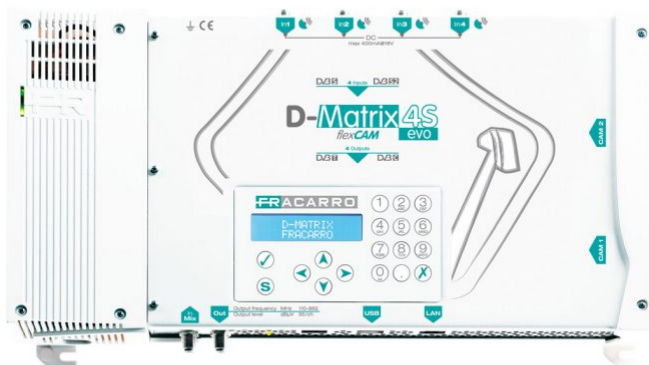


D-MATRIX-4S EVO



D-Matrix series, compact head end for transmodulation from 4 DVB-S2 transponders to 4 DVB-T multiplex, 3 flex common interfaces

CODE	283132
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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	dB μ V 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	dB μ V	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, keyboard and display
Consumption	W	42 (with 2 CAMs)
Common interface		2 x PCMCIA (Standard EN50221, TS10169) Flex CAM or Standard Mode
Dimensions	mm	360x230x54 (without CAM) - 385x230x54 (with CAM)
Operating temperature	C°	-5 ÷ +55 (without CAM)