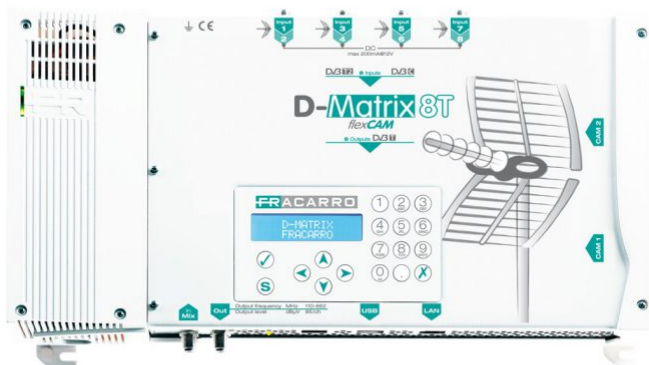


## D-MATRIX-8T



D-Matrix series, compact head end for transmodulation from 8 DVB-T/T2 multiplex to 8 DVB-T multiplex, 2 common interfaces

**CODE** 283133

### Inputs

Input no.	8 (2 TV tuners per connector)
Demodulation	DVB-T2, DVB-T or DVB-C (selectable)
Band	MHz 110-862 (170-862 for the first coax input)
Channels	E5-E69
AFC dynamics	kHz $\pm 400$ (DVB-T2/T), $\pm 100$ (DVB-C)
FEC	1/2, 2/3, 3/4, 5/6, 7/8
Carriers number	2000
Level	dB $\mu$ V 55-85

### Outputs

Generated channels	no. 8 (2 quatrains of adjacent mux)
Standard	DVB-T
Channels range	S2-E69
Frequency	MHz 110-862
Tuning step	kHz 250
Level	dB $\mu$ 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
<b>DVB-T Modulation</b>		
Modulation		QPSK, 16-QAM, 64-QAM
Carriers number		2k
Guard interval		1/4, 1/8, 1/16, 1/32
FEC		1/2, 2/3, 3/4, 5/6, 7/8
<b>DVB-C Modulation</b>		
Modulation		N.A.
<b>Features</b>		
Programming mode		Web interface, keyboard and display
Consumption	W	42 (with 2 CAMs)
Dimensions	mm	360x230x54 (without CAM) - 385x230x54 (with CAM)
Operating temperature C°		-5 ÷ +55 (without CAM)