



### DTVDM2F / DTVDM3F : dual or triple DVBT modulator

- Dual or Triple DVBT modulator module for DTVRack.
- The output channel/frequency of each modulator (2 or 3) can be freely chosen in the VHF-UHF band.
- Modulation parameters and output level can be individually set.

Output level	> 95 dB $\mu$ V (adjustable in DTViface)
Bypass insertion loss	< 2 dB
Output frequency	170-230 MHz + 470-862 MHz
Constellation	QPSK/16QAM/64QAM
FEC	1/2, 2/3, 3/4, 5/6, 7/8
Guard interval	1/4, 1/8, 1/16, 1/32
Mode - MER	2K/8K - > 31 dB
DVB Processing	TsID, NIT version, ONID, NID, Network Name, LCN, HDLCN
Current consumption @5V	400 mA
EAN code	DTVDM2F : 5420037699612 DTVDM3F : 5420037699605



### DTVDM4 : quad DVBT/DVBC modulator

- quad DVBT/DVBC modulator module for DTVRack
- Four adjacent channels
- Channels are only active if services (programs) added to the channel (single channel, dual or triple operation possible)
- Can be reconfigured in the field to DVBC or DVBT modulator

	Output level	> 95 dB $\mu$ V (adjustable in DTViface)
	Bypass insertion loss	< 2 dB
DVBT mode	Output frequency	170-230 MHz + 470-862 MHz
	Constellation	QPSK/16QAM/64QAM
	FEC	1/2, 2/3, 3/4, 5/6, 7/8
	Guard interval	1/4, 1/8, 1/16, 1/32
	Mode - MER	2K - > 35 dB
DVBC mode	Output frequency	50-862 MHz
	Constellation	16,32,64,128,256 QAM (EN 300 429)
	Symbol Rate	4 - 6.96 Mb/s
	MER	> 39 dB
	DVB Processing	TsID, NIT version, ONID, NID, Network Name, LCN, HDLCN
	Current consumption @5V	DTVDM4 = 1400 mA
	EAN code	DTVDM4 : 5420037699353

## Declaration of conformity

Manufacturer's Name : Anttron nv  
Manufacturer's Adress : Industrielaan 37, B-8820 Torhout Belgium  
Product name : DTVDM2F, DTVDM3F, DTVDM4

is in conformity with :

Council Directive 2004/108/CE (EMC Directive)

Standards to which conformity is declared : EN50083-2 : 2007

Cabled distribution Systems for television and sound signals. Part2 : Electromagnetic compatibility for equipment

Council Directive 2006/95/CE (Low Voltage Directive)

Standards to which conformity is declared : EN60728-11 : 2005

Cabled Distribution Systems for Television and Sound Signals. Part 11 : Safety Requirements



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Issue date and place : Torhout, Belgium, 05/01/2017