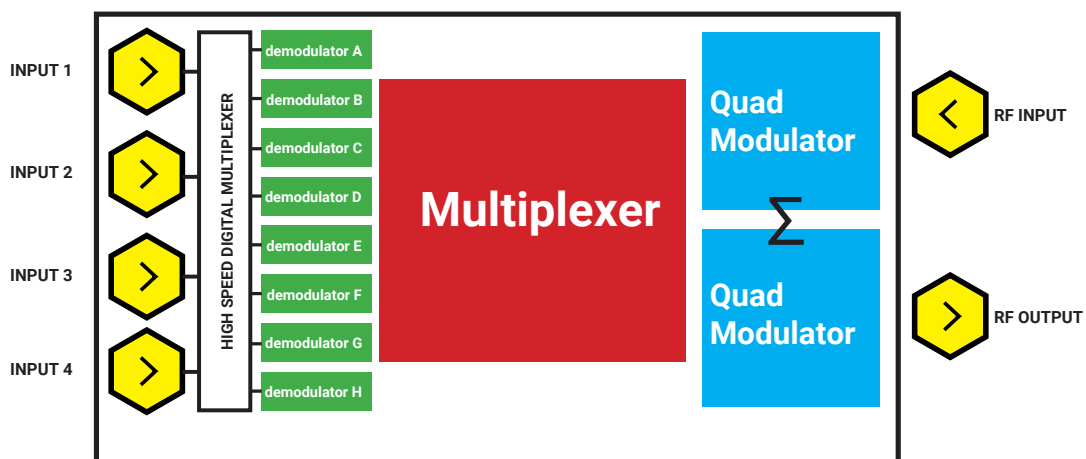


TRM98 : 3RACK + RM98

ANTTRON

COMPACT HEADEND
4 INPUTS - 8 SATELLITE RECEIVERS
DUAL QUAD COFDM/QAM MODULATOR

- Four full band tuners, SCR-dCcs compatible
- Each input can feed 8 demodulators
- 8 x DVBS/S2/S2X/multistream demodulators
- Biss Decryption
- Two COFDM/QAM quad modulators (DVBT/C)
- (total 8 output channels)
- Very compact module
- Made in Belgium



SCHEMATICS TRM98

**Specifications, descriptions and photographs are subject to change without notice.*

**The products comply with the requirements of the CE mark. The declaration of conformity is available upon request.*

TECHNICAL SPECIFICATIONS:

INPUT		
SAT inputs (x4) (wide band capture)	Frequency	950-2150 MHz
	Input level	-70 dBm to -5 dBm
	LNB supply	13/18V - Tone - DiSEqC (300mA each input)
Demodulators (x8)		
DVB-S	Modulation - symbol rate	1...45 MSps
	System	QPSK
DVB-S2	Modulation - symbol rate	1...45 MSps
	System	QPSK, 8PSK, 16APSK, 32APSK, CCM, ACM, VCM, Single transport stream, Multiple transport stream Generic Stream Encapsulation
DVB-S2X	System	QPSK, 8PSK, 8APSK-L, 16APSK, 16APSK-L, 32APSK, 32APSK-L, 64APSK-K, 64APSK-L
OUTPUT		
	Number of channels	8 (2x4 adjacent channels)
	Output level	> 95 dBμV (adjustable in DTViface)
	Insertion loss	< 2 dB
DVBT/COFDM	Output frequency	170-230 MHz + 470-862 MHz
	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/QAM	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
CONSUMPTION		
		< 25 Watt

DTVIFACE SNAPSHOT

