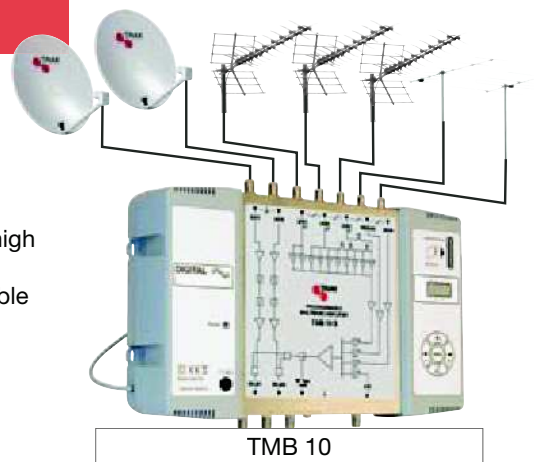


TMB multiband amplifiers

Triax TMB programmable multi band amplifier has all the features needed for amplifying and distributing a high number of signals into a network.

- High flexibility
- 10 highly selective and adjustable filters in the UHF frequency range secure high flexibility. Each of these clusters can have 1-6 channels (48 MHz) bandwidth.
- 6 inputs: FM/DAB/VHF/UHF and 3 UHF inputs split over 10 UHF programmable clusters
- Automatic or manual levelling of the signal
- Easy programming
- Designed for both digital and analogue operation



Technical data - TMB multiband amplifiers with adjustable filters

TYPE		TMB 6	TMB 10A	TMB 10B	TMB 10S
Part No.		324571	324575	324576	324577
Numbers of inputs	pcs	5	5	6	8
Numbers of outputs	pcs	1	1	1	2
Numbers of filters		6	6	10	10
Test point	pcs		Yes (- 30 dB)	Yes (- 30 dB)	Yes (- 30 dB)
Gain					
Input BI/FM	dB	24	30	30	
Input BIII/DAB	dB	35	40	40	45
Input VHF and UHF (aux)	dB		30	35	35
Input UHF 1	dB	48	60	60	55
Input UHF 2	dB	42	60	60	55
Input UHF 3	dB	30	60	60	55
Input satellite 1	dB				34-40 sloped
Input satellite 2	dB				34-40 sloped
Attenuation	dB	0-20	0-20	0-20	0-20
Selectivity	dB /MHz		20 / 10	20 / 10	20 / 10
Noise figure					
VHF	dB	9.0/3.0	8.0	8.0	8.0
DVB-T UHF	dB		6.0	6.0	6.0
VHF and UHF (aux)	dB		6.0	6.0	6.0
UHF	dB	3.0/5.0/5.0	6.0	6.0	6.0
Satellite	dB				9.0
Output level (IMD3 /-60 dB/3rd order)					
BI	dB μ V	103	120	120	116
BIII	dB μ V	108	120	120	118
VHF/UHF (aux)	dB μ V		120	120	
UHF	dB μ V	112/115/112	124	124	120
SAT (-35 dB)	dB μ V				120
General					
DC power for preamplifier	V/mA	12/50	12 or 24/60	12 or 24/60	12 or 24/60
LNB supply	kHz				0/13/18/22
Power supply	V/AC	230/50 Hz	185-265/ 50 Hz	185-265/ 50 Hz	185-265/ 50 Hz
Power consumption	W	8.0			
Connectors		F-con	F-con	F-con	F-con
Impedance	Ohm	75	75	75	75
Temperature, operation	$^{\circ}$ C	0...+ 55	0...+ 55	0...+ 55	0...+ 55
Dimensions (L x H x D)	mm	230 x 130 x 50	354 x 215 x 50	354 x 215 x 50	354 x 215 x 50