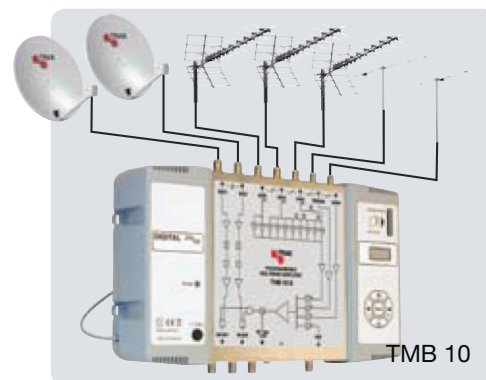


TMB multiband amplifiers

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 Art. No.		TMB 6 324571	TMB 10A 324575	TMB 10B 324576	TMB 10S 324577
Numbers of inputs	pcs	5	5	6	8
Numbers of outputs	pcs	1	1	1	2
Numbers of channel filters		6	6	10	10
Test point		no	Yes (- 20 dB)	Yes (- 20 dB)	Yes (- 20 dB)
Gain					
Input BI/FM	dB	24	48	48	43
Input BIII/DAB	dB	35	48	48	43
Input VHF and UHF (aux)	dB		39	39	33
Input UHF 1	dB	48	55	55	48
Input UHF 2	dB	42	55	55	48
Input UHF 3	dB	30		55	48
Input satellite 1	dB				40 sloped
Input satellite 2	dB				40 sloped
Attenuation	dB	0-20	0-20	0-20	0-20
Selectivity	dB/MHz		16 / 16	16 / 16	16 / 16, 40@862
UHF filter combinations		a b c d	a b c d	a b c d e f	a b c d e f
UHF 1 input			4 3 1 -	3 1 - 3 1 -	3 1 - 3 1 -
UHF 2 input			2 3 5 6	5 7 8 - - -	5 7 8 - - -
UHF 3 input				2 2 2 7 9 10	2 2 2 7 9 10
Noise figure					
BI/FM	dB	9.0/3.0	5.0	5.0	5.0
BIII/DAB	dB		5.0	5.0	5.0
VHF and UHF (aux)	dB		10.0	10.0	10.0
UHF	dB	3.0/5.0/5.0	9.0	9.0	9.0
Satellite	dB				6.0
Output level (IMD3 /-60 dB/3rd order)					
BI	dBμV	103	122	122	116
BIII	dBμV	108	122	122	116
VHF/UHF (aux)	dBμV		124	124	120
UHF	dBμV	112/115/112	124	124	120
SAT (-35 dB)	dBμV				120
DC power for preamplifier	V/mA	12/50	12 or 24/55	12 or 24/55	12 or 24/55
LNB supply	V/mA kHz				0, 13, 17/300 0-22
Power supply	VAC/Hz	230/50 Hz	230/50 Hz	230/50 Hz	230/50 Hz
Connectors		F-female	F-female	F-female	F-female
Impedance	Ohm	75	75	75	75
Temperature, operation	°C	- 10 to + 50	- 5...+ 50	- 5...+ 50	- 5...+ 50
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