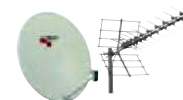


# Triax TMP 5x multiswitches



## TMP 5x series for one satellite position

- 4 satellite polarities and 1 terrestrial input, combined output.
- Versions for 8, 12, 16, 24 and 32 subscriber outputs
- Adjustable attenuator per polarity (0-15 dB)
- Slide switch for long, medium and short subscriber cable runs (0, 6 and 12 dB)
- Low power consumption
- Small footprint, compact design, fits into tight spaces
- Switchable DC supply into terrestrial input (for mast amplifier)



## Technical data

### Single multiswitches with 4 polarities, 1 terr. input. With power supply

TYPE Art. No.		TMP 5x8 301620	TMP 5x12 301622	TMP 5x16 301624	TMP 5x24 301626	TMP 5x32 301628
Number of inputs		4 SAT, 1 TER	4 SAT, 1 TER	4 SAT, 1 TER	4 SAT, 1 TER	4 SAT, 1 TER
Subscriber outputs		8	12	16	24	32
Connectors	F-con	female	female	female	female	female
Frequency range - SAT	MHz	950-2150	950-2150	950-2150	950-2150	950-2150
Frequency range - Wideband	MHz	47-862	47-862	47-862	47-862	47-862
Insertion loss - SAT	dB	3.0	3.0	3.0	2.0	3.0
Insertion loss - TER	dB	3.0	3.0	3.0	0.0	0.0
Input polarity gain control SAT	dB	4 x 10	4 x 10	4 x 10	4 x 10	4 x 10
Input polarity gain control TER	dB	15	15	15	15	15
TERR slope control	dB	10	10	10	10	10
Output level control (4 outputs)						
Long cable	dB	/	/	/	0	0
Medium cable	dB	/	/	/	6	6
Short cable	dB	/	/	/	12	12
Isolation TER to SAT	dB	32	32	32	32	32
Isolation SAT to TER	dB	32	32	32	32	32
Isolation cross polarisation H/V	dB	30	30	30	30	30
Isolation out - out TER	dB	30	30	30	30	30
Isolation out - out SAT	dB	30	30	30	30	30
Return loss SAT inputs	dB	10	10	10	10	12
Return loss SAT outputs	dB	8	8	8	8	10
Return loss TER inputs	dB	10	10	10	10	12
Return loss TER outputs	dB	8	8	8	8	10
Output level SAT (IMD <sub>3</sub> - 35 dB)	dBμV	100	100	100	100	100
Output level TER (IMD <sub>3</sub> - 60 dB)	dBμV	95	95	95	95	95
Line power Voltage (TERR)	V	12	12	12	12	12
Current (TERR)	mA	50	50	50	50	50
Switching commands	VDC/ kHz	13V / 18V 13V - 22 kHz / 18 - 22 kHz				
Supply voltage	VAC VDC/A	180 - 264 18 / 1.5 (47 - 63 Hz)				
LNB current, max.	mA	600	600	600	600	600
Colourcoding of inputs		Yes	Yes	Yes	Yes	Yes
Temperature range	°C	0...+55	0...+55	0...+55	0...+55	0...+55
Dimensions (H x D x W)	mm	157 x 51 x 190	157 x 51 x 240	157 x 51 x 240	157 x 51 x 340	157 x 51 x 340