



# Triax TMS 5xP multiswitches

## Fulfilling subscriber needs the most efficient way

The TMS 5x series of our multiswitch systems offers unique subscriber benefits in terms of performance and individual freedom. Advanced technology is used to provide these benefits, but is applied in a logical, modular way helping the professional installer save time.



TMS 5x4p



TMS 5x6p



TMS 5x8p

## Technical data

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

TYPE		TMS 5x4P	TMS 5x6P	TMS 5x8P	TMS 5x12P	TMS 5x16P
Part No. (EU plug)		300324	300326	300328	300322	300327
Part No. (UK plug)		300334	300336	300338	300332	300337
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		4	6	8	12	16
Connectors	F-con	female	female	female	female	female
Frequency range SAT	MHz	950-2150	950-2150	950-2150	950-2150	950-2150
Frequency range TER	MHz	47-862	47-862	47-862	47-862	47-862
Gain SAT	dB	- 6	- 5	- 5	- 5	- 3
Gain TER	dB	4	3	3	0	4
Isolation TER to SAT	dB	22	25	25	22	22
Isolation SAT to TER	dB	22	28	28	22	22
Isolation cross polarisation H/V	dB	25	28	28	25	25
Isolation out - out TER	dB	30	28	28	28	28
Isolation out - out SAT	dB	30	35	35	35	35
Return loss SAT inputs	dB	12	11	11	11	10
Return loss SAT outputs	dB	7	9	9	8	8
Return loss TER inputs	dB	11	11	11	11	10
Return loss TER outputs	dB	7	9	9	8	8
Output level SAT (IMD <sub>3</sub> - 35 dB)	dBμV	100	101	101	100	100
Output level TER (IMD <sub>3</sub> - 60 dB)	dBμV	88	85	85	85	85
Impedance input/output	Ohm	75	75	75	75	75
Switching	VDC	13 V - 18 V 13 V/22 kHz 18 V/22 kHz	13 V - 18 V 13 V/22 kHz 18 V/22 kHz	13 V - 18 V 13 V/22 kHz 18 V/22 kHz	13 V - 18 V 13 V/22 kHz 18 V/22 kHz	13 V - 18 V 13 V/22 kHz 18 V/22 kHz
Supply voltage	VDC	15 (± 0.5)	15 (± 0.5)	15 (± 0.5)	15 (± 0.5)	15 (± 0.5)
Power supply		Included	Included	Included	Included	Included
LNB power supply max.	mA	600	600	600	600	600
Colourcoding of IF and TER 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	103 x 71 x 249	103 x 71 x 359	103 x 71 x 359	103 x 71 x 459	103 x 71 x 559



TMS 5x12p



TMS 5x16p