

# MS 17× series Stand-alone Multiswitches



## Fulfilling subscriber needs the most efficient way

1. 16 satellite polarities and 1 terrestrial input, combined output.
2. Versions for 4,8,12,16,20,24,28,32 subscriber outputs.
3. Low power consumption.
4. Best picture quality due to low noise technology.
5. Active terrestrial input.
6. Wide range of launch and line amplifiers available
7. Each of our multiswitch systems offers unique subscriber benefits in terms of performance and individual freedom.



## Technical data

### Stand-alone multiswitches with 16 polarities, 1 terr. Input.

TYPE		MS17×4E	MS17×8E	MS17×12E	MS17×16E	MS17×24E	MS17×32E
Number of inputs		16 SAT,1TER	16 SAT,1TER	16 SAT,1TER	16 SAT,1TER	16 SAT,1TER	16 SAT,1TER
Subscriber outputs		<b>4</b>	<b>8</b>	<b>12</b>	<b>16</b>	<b>24</b>	<b>32</b>
Connectors	F-con	female	female	female	female	female	female
Frequency range SAT	MHz	950-2150	950-2150	950-2150	950-2150	950-2150	950-2150
Frequency range TER	MHz	47-862	47-862	47-862	47-862	47-862	47-862
Gain SAT	dB	0	0	-2	-2	-3	-3
Gain TER	dB	-24	-24	-24	-24	-24	-24
Insertion loss trunkline SAT	dB	3	3	4	4	4	4
Insertion loss trunkline TER	dB	4	4	4	4	4	4
Isolation LNB to LNB	dB	35	35	35	35	35	35
Isolation TER - SAT	dB	20	20	20	20	20	20
Isolation SAT - TER	dB	30	30	30	30	30	30
Isolation cross polarisation H/V	dB	28	28	28	28	28	28
Isolation out - out TER	dB	25	25	25	25	25	25
Isolation out - out SAT	dB	30	30	30	30	30	30
Return loss SAT inputs	dB	12	12	12	12	12	12
Return loss SAT outputs	dB	12	12	12	12	12	12
Return loss TER inputs	dB	8	8	8	8	8	8
Return loss TER outputs	dB	8	8	8	8	8	8
Output level SAT (IMD3- 35 dB)	dBuV	100	100	100	100	100	100
Output level TER (IMD3- 60 dB)	dBuV	88	88	88	88	88	88
Impedance input/output	Ohm	75	75	75	75	75	75
Switching commands	VDC/ kHz	13 V - 18 V 13V - 22 kHz / 18 - 22 kHz, DiSEqC 2.0					
Switching voltage	V	15					
Max. current pass per F-con	mA	500	500	500	500	500	500
Temperature	°C	-10~60	-10~60	-10~60	-10~60	-10~60	-10~60