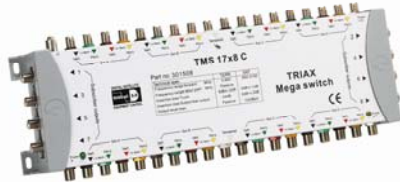


**Cascadable multiswitch for 4 satellite positions and terrestrial signals.
For external power supply.**

TMS 17 x C Series



TMS 17x6 C
P/N: 301506

TMS 17x8 C
P/N: 301508

TMS 17x12 C
P/N : 301512

TMS 17x16 C
P/N : 301516



General description:

Triax TMS 17x C is an easy to install cascadable multiswitch system for use where four satellite positions are required. A terrestrial input is available to allow terrestrial as well as satellite signals to be available on all subscriber outputs.

This product series comprises versions with 6, 8, 12 and 16 subscriber outputs in one cascadable unit allowing a large number of subscriber outputs to be realized with this product. For the termination of the system a TMS 17xT Series is available. A TMS 17AMP is also available for insertion in the system where it is necessary due to cable loss. Please see separate specifications.

TMS 17xC has an active satellite signal path and a passive terrestrial signal path allowing a terrestrial return path if needed. Consequently a set-top box is not required at subscriber outlet to receive terrestrial signals. Satellite position switching is done via DiSEqC signals from the subscriber set-top box. A maximum of 100mA is sourced for this purpose from the subscriber set-top box.

All input connectors are color coded to avoid installation errors and make the installation an easy and simple task. LNB power can be applied anywhere in the system via one of the TMS17xC units. Likewise a separate supply line is available for the TMS17AMP.

TYPE		TMS 17x6C	TMS 17x8C	TMS 17x12C	TMS 17x16C	Unit
Partnumber		301506	301508	301512	301516	
Input lines	TER	1 input				
	SAT	16 inputs (4 satellite positions)				
Subscriber Outputs		6	8	12	16	
Connectors		F-connector, female				
Frequency range	TER	5 to 865 (passive)				MHz
	SAT	950 to 2150 (active)				MHz
Gain	TER	-24	-24	-27	-27	dB
	SAT	0	0	-2	-2	dB
Trunk insertion loss	TER	4	4	4	4	dB
	SAT	3	3	4	4	dB
Isolation	LNB to LNB	35	30	35	35	dB
	TER to SAT	20	20	20	20	dB
	SAT to TER	30	30	30	30	dB
	Cross pol H/V	28	28	28	28	dB
	Out-out TER	25	25	25	25	dB
	Out-out SAT	30	30	30	30	dB
Return loss	TER inputs	8	8	8	8	dB
	TER outputs	8	8	8	8	dB
	SAT inputs	12	12	12	12	dB
	SAT Outputs	12	12	12	12	dB
Max. output Level	SAT (IMA ₃ 35dB)	100	100	100	100	dB μ V
Input/output impedance		75				Ohms
Switching signals		13V, 18V, 13V/22kHz, 18V/22kHz, DiSEqC2,0 and Tomeburst				VDC
Supply voltage		15 +/- 0,5				VDC
Current consumption		<50				mA
Power supply		External power adaptor, 30 W, F-connector				
LNB Power supply		Max. 1,3				A
Power link (for amplifiers in the line)		Depend upon the power consumption of the amps.				
Control LEDs		Green LED for power, Yellow for power link to Amp.				
Colorcoding of IF and Ter inputs		Vertical Lo: Black Vertical Hi: Red Horizontal Lo: Green Horizontal Hi: Yellow Terrestrial : White/Clear				
Dimensions l x h x w						mm

Also available :

- 301501 : TMS 17 AMP, Cascadable amplifier, 16 polarities + terrestrial
- 301504 : TMS 17 PSU, Power Supply + Mounting Bracket
- 301606 : TMS 17x6 T, Terminating multiswitch, 6 subscriber outputs
- 301608 : TMS 17x8 T, Terminating multiswitch, 8 subscriber outputs
- 301612 : TMS 17x12 T, Terminating multiswitch, 12 subscriber outputs
- 301616 : TMS 17x16 T, Terminating multiswitch, 16 subscriber outputs