



TRIAX

connecting the future



TMS 17x12 C

Article number: 318902

Product description:

Cascade multiswitch for 4 Satellite positions with 17 inputs and 17 trunk outputs, suitable for distributing satellite and terrestrial signals in small to large sized systems. Available with 12 subscriber outputs and powered by the TMS PSU external power supply either directly or via the SAT trunk lines.

Dependability guaranteed: a 6-year warranty is our guarantee that TRIAX's core values of reliability and innovation are the foundation of our new multiswitches.

The TMS 17x12 C offers excellent performance and flexibility, with a compact design for installations even in confined spaces.

Excellent performance

- Low insertion loss
- High isolation
- Low power consumption
- RED compliant
- ESD Protection

Flexibility

All the functionality you need in a simplified, streamlined range:

- Easier to select the right product
- Fewer products to stock
- Active/Passive Terrestrial Switch

Convenience

Designed with installer convenience in mind:

- Equidistant F-connectors on all multiswitches
- Colour-coded input labels
- LED power indicator
- Flexible power injection

Specifications

ORDER INFORMATION	
EAN Number	5702663189027
CHARACTERISTICS	
LNB type	Quattro
Max. input level - SAT (IMD3 - 35dB)	98 dB μ V
Max. input level - TER (IMD3 - 60dB)	90 dB μ V
Max. output level SAT @ -35 dB IMD3	100 dB μ V
Max. output level TER @ -60dB IMD3	90 dB μ V
LNB current max.	3000 mA
Switch commands	DiSEqC 1.0/2.0, 13/18V, 0/22kHz
FREQUENCY	
Frequency range TER	Active: 47...862 / Passive: 5...862 MHz
Frequency range SAT	950...2200 MHz
GAIN	
Gain - SAT (with 5 dB slope)	-3...+2 $\pm$ 2 dB
Gain - TER	0 $\pm$ 2 dB
LOSS	
Tap loss TER	27 $\pm$ 2 dB
Insertion loss - trunkline TER	4.5 $\pm$ 1 dB
Insertion loss - trunkline SAT	4 $\pm$ 1 dB
ISOLATION	
Isolation SAT to TER	> 30 dB
Isolation trunk to trunk	> 30 dB
Isolation cross polarisation H/V	30 dB
Isolation out-out TER	25 dB
Isolation out-out SAT	30 dB

RETURN LOSS

Return loss SAT inputs	>10 dB
Return loss SAT outputs	>10 dB
Return loss TER inputs	>10 dB
Return loss TER outputs	>10 dB
Return loss TAP outputs	10 dB

ELECTRICAL

Impedance	75 Ω
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OPERATIONAL

LINE power DC voltage (max.)	15...20 VDC
LINE power current (max.)	2000 mA
PSU output DC voltage	18 VDC
ESD protection	4KV inputs & sub outputs
DC Current consumption	30mA TER passive 180mA TER active mA
PSU/adapter Art number	318162, 18163, 318164
Max. current to each output (supplied by set top box)	<50 mA
Control LEDs	Green LED (Power)
Temperature - operating	-20...+55 °C

CONNECTORS

Connector Type	F-female
Connector DC	F-female
Number of trunk inputs	16 SAT, 1 TER
Number of trunk outputs	16 SAT, 1 TER
Subscriber outputs	12
Colorcoding @IF/TER inputs	VL=Black, VH=Red, HL=Green, HH=Yellow, White=TER

MECHANICAL

Main material	Steel housing
Dimensions product (H x D x W)	180x255x65 mm
Packing QTY	1
Product Height	175 mm
Product Width	255 mm
Product Depth	65 mm
Packaging Height	0,070 m

Packaging Width	0,280 m
Packaging Depth	0,182 m
Net Weight	1,078 kg
Tara Weight	0,151 kg
Total Weight	1,229 kg