



TMS 13x24 C Art. Number 318804



Cascade multiswitch for 3 Satellite positions with 13 inputs and 13 trunk outputs, suitable for distributing satellite and terrestrial signals in small to large sized systems. Available with 24 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 13x24 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:

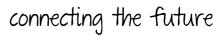
- Easier to select the right product
- Fewer products to stock
- Active/Passive Terrestrial Switch

Convenience

Designed with installer convenience in mind:

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







Technical Specifications

ORDER INFORMATION	
EAN Number	5702663188044
CHARACTERISTICS	
LNB current max. mA	3000 mA
LNB type	Quattro
Max. input level - SAT (IMD3 - 35dB) dBμV	99 dBμV
Max. input level - TER (IMD3 - 60dB) dBμV	90 dBμV
Max. output level SAT @ -35 dB IMD3 dBμV	100 dBμV
Max. output level TER @ -60dB IMD3 dBμV	90 dBμV
Switch commands	DiSEqC 1.0/2.0, 13/18V, 0/22kHz
FREQUENCY RANGE	
Frequency range SAT MHz	9502200 MHz
Frequency range TER MHz	Active: 47862 / Passive: 5862 MHz
GAIN	
Gain - SAT (with 5 dB slope) dB	-4+1 ± 2 dB
Gain - TER dB	0 ± 2 dB
LOSS	
Insertion loss - trunkline SAT dB	6 ± 1 dB
Insertion loss - trunkline TER dB	5 ± 1 dB
Tap loss TER dB	$33 \pm 2 \text{ dB}$
ISOLATION	
Isolation cross polarisation H/V dB	30 dB
Isolation out-out SAT dB	30 dB
Isolation out-out TER dB	25 dB
Isolation SAT to TER dB	> 30 dB
Isolation trunk to trunk dB	> 30 dB
RETURN LOSS	
Return loss SAT inputs dB	>10 dB
Return loss SAT outputs dB	>10 dB
Return loss TAP outputs dB	10 dB
Return loss TER inputs dB	>10 dB
Return loss TER outputs dB	>10 dB
ELECTRICAL	
Impedance Ω	75 Ω
OPERATIONAL	
Control LEDs	Green LED (Power)
DC Current consumption mA	30mA TER passive mA 200mA TER active
ESD protection	4KV inputs & sub outputs

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connecting the future

Technical Specifications

PSU/adapter Art number 318162, 18163, 318164

LINE power current (max.) | mA

LINE power DC voltage (max.) | VDC

Max. current to each output (supplied by set top

PSU output DC voltage | VDC

Temperature - operating | °C

200...+55 °C

CONNECTORS

Connector Type F-female
Connector DC F-female

Colorcoding @IF/TER inputs VL=Black, VH=Red, HL=Green, HH=Yellow, White=TER

Number of inputs 13

Number of trunk inputs 12 SAT, 1 TER

Number of trunk outputs 12 SAT, 1 TER

Subscriber outputs 24

MECHANICAL

Product Depth | mm 65 mm

Dimensions product (H x D x W) | mm 275x255x65 mm

Packaging Depth | m 0.282 m

Packaging Height | m 0.070 m

Total Weight | kg 1.720 kg

Packaging Width | m 0.280 m

Product Height | mm 275 mm

Main material Steel housing

Net Weight | kg 1.513 kg

Packing QTY 1

Tara Weight | kg 0.207 kg
Packaging Volume | m3 0.000 m3
Product Width | mm 255 mm

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