



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:

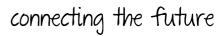
- Easier to select the right product
- Fewer products to stock
- Active/Passive Terrestrial Switch

### 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 type	Quattro
Max. input level - SAT (IMD3 - 35dB)   dB $\mu$ V	99 dBμV
Max. input level - TER (IMD3 - 60dB)   $dB\mu V$	90 dBμV
Max. output level SAT @ -35 dB IMD3   dBμV	100 dBμV
Max. output level TER @ -60dB IMD3   dBμV	90 dBμV
LNB current max.   mA	3000 mA
Switch commands	DiSEqC 1.0/2.0, 13/18V, 0/22kHz
FREQUENCY RANGE	
Frequency range TER   MHz	Active: 47862 / Passive: 5862 MHz
Frequency range SAT   MHz	9502200 MHz
GAIN	
Gain - SAT (with 5 dB slope)   dB	-4+1 ± 2 dB
Gain - TER   dB	0 ± 2 dB
LOSS	
Tap loss TER   dB	33 ± 2 dB
Insertion loss - trunkline SAT   dB	6 ± 1 dB
Insertion loss - trunkline TER   dB	5 ± 1 dB
ISOLATION	
Isolation SAT to TER   dB	> 30 dB
Isolation trunk to trunk   dB	> 30 dB
Isolation cross polarisation H/V   dB	30 dB
Isolation out-out SAT   dB	30 dB
Isolation out-out TER   dB	25 dB
RETURN LOSS	
Return loss SAT inputs   dB	>10 dB
Return loss SAT outputs   dB	>10 dB
Return loss TER inputs   dB	>10 dB
Return loss TER outputs   dB	>10 dB
Return loss TAP outputs   dB	10 dB
ELECTRICAL	
Impedance   Ω	75 Ω
OPERATIONAL	
LINE power DC voltage (max.)   VDC	1520 VDC
LINE power current (max.)   mA	2000 mA
PSU output DC voltage   VDC	18 VDC
ESD protection	4KV inputs & sub outputs

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# connecting the future

### **Technical Specifications**

DC Current consumption | mA 30mA TER passive mA

200mA TER active

PSU/adapter Art number 318162, 18163, 318164

Max. current to each output (supplied by set top <50 mA

Control LEDs Green LED (Power)

Temperature - operating | °C -20...+55 °C

**CONNECTORS** 

Connector Type F-female
Connector DC F-female
Number of inputs 13

Number of trunk inputs 12 SAT, 1 TER
Number of trunk outputs 12 SAT, 1 TER

Subscriber outputs 24

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) | mm 275x255x65 mm

Packing QTY 1

Product Height | mm 275 mm Product Width | mm 255 mm Product Depth | mm 65 mm 0.070 m Packaging Height | m Packaging Width | m 0.280 m Packaging Depth | m 0.282 m Packaging Volume | m3 0.000 m3 Net Weight | kg 1.513 kg Tara Weight | kg 0.207 kg Total Weight | kg 1.720 kg

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