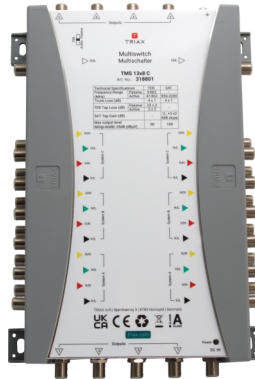


TMS 13x8 C

Art. Number 318801



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 8 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 13x8 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 5702663188013

CHARACTERISTICS

LNB current max. | mA 3000 mA
LNB type Quattro
Max. input level - SAT (IMD3 - 35dB) | dB μ V 97 dB μ V
Max. input level - TER (IMD3 - 60dB) | dB μ V 90 dB μ V
Max. output level SAT @ -35 dB IMD3 | dB μ V 100 dB μ V
Max. output level TER @ -60dB IMD3 | dB μ V 90 dB μ V
Switch commands DiSEqC 1.0/2.0, 13/18V, 0/22kHz

FREQUENCY RANGE

Frequency range SAT | MHz 950...2200 MHz
Frequency range TER | MHz Active: 47...862 / Passive: 5...862 MHz

GAIN

Gain - SAT (with 5 dB slope) | dB $-2...+3 \pm 2$ dB
Gain - TER | dB 2 ± 2 dB

LOSS

Insertion loss - trunkline SAT | dB 4 ± 1 dB
Insertion loss - trunkline TER | dB 4 ± 1 dB
Tap loss TER | dB 23 ± 2 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
150mA TER active
ESD protection 4KV inputs & sub outputs



Technical Specifications

| | |
|---|-----------------------|
| PSU/adapter Art number | 318162, 18163, 318164 |
| LINE power current (max.) mA | 2000 mA |
| LINE power DC voltage (max.) VDC | 15...20 VDC |
| Max. current to each output (supplied by set top) | <50 mA |
| PSU output DC voltage VDC | 18 VDC |
| Temperature - operating °C | -20...+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 | 8 |

MECHANICAL

| | |
|-------------------------------------|---------------|
| Product Depth mm | 65 mm |
| Dimensions product (H x D x W) mm | 180x255x65 mm |
| Packaging Depth m | 0.182 m |
| Packaging Height m | 0.070 m |
| Total Weight kg | 1.069 kg |
| Packaging Width m | 0.280 m |
| Product Height mm | 175 mm |
| Main material | Steel housing |
| Net Weight kg | 0.918 kg |
| Packing QTY | 1 |
| Tara Weight kg | 0.151 kg |
| Packaging Volume m3 | 0.000 m3 |
| Product Width mm | 255 mm |