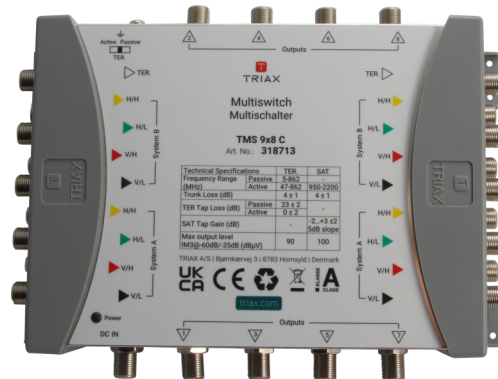


TMS 9x8 C

Art. Number 318713



Cascade multiswitch for 2 Satellite positions with 9 inputs and 9 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 9x8 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 5702663187139

CHARACTERISTICS

| | |
|---|---------------------------------|
| 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 |
| LNB current max. mA | 3000 mA |
| Switch commands | DiSEqC 1.0/2.0, 13/18V, 0/22kHz |

FREQUENCY RANGE

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

GAIN

| | |
|-----------------------------------|--------------------|
| Gain - SAT (with 5 dB slope) dB | -2...+3 \pm 2 dB |
| Gain - TER dB | 0 \pm 2 dB |

LOSS

| | |
|-------------------------------------|---------------|
| Tap loss TER dB | 23 \pm 2 dB |
| Insertion loss - trunkline SAT dB | 4 \pm 1 dB |
| Insertion loss - trunkline TER dB | 4 \pm 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 | 15...20 VDC |
| LINE power current (max.) mA | 2000 mA |
| PSU output DC voltage VDC | 18 VDC |
| ESD protection | 4KV inputs & sub outputs |



Technical Specifications

| | |
|---|--|
| DC Current consumption mA | 30mA TER passive mA 75mA 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 trunk inputs | 8 SAT, 1 TER |
| Number of trunk outputs | 8 SAT, 1 TER |
| Subscriber outputs | 8 |
| 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 | 140x195x65 mm |
| Packing QTY | 1 |
| Product Height mm | 195 mm |
| Product Width mm | 140 mm |
| Product Depth mm | 65 mm |
| Packaging Height m | 0.070 m |
| Packaging Width m | 0.220 m |
| Packaging Depth m | 0.150 m |
| Packaging Volume m3 | 0.000 m3 |
| Net Weight kg | 0.590 kg |
| Tara Weight kg | 0.123 kg |
| Total Weight kg | 0.713 kg |