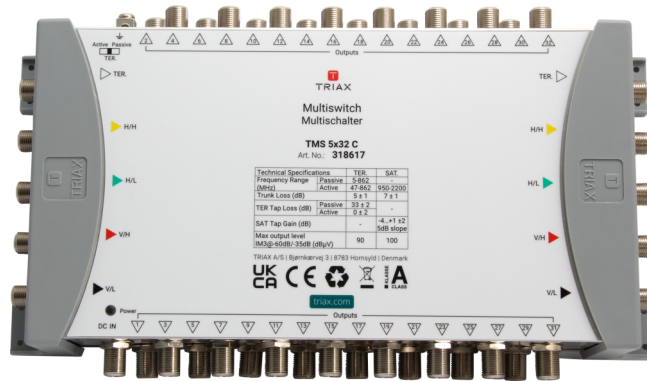


TMS 5x32 C

Art. Number 318617





Cascade multiswitch for 1 Satellite position with 5 inputs and 5 trunk outputs, suitable for distributing satellite and terrestrial signals in small to large sized systems. Available with 32 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.

European IRS Certification Scheme: TMS 5 Input Cascade Multiswitches and Amplifiers are certified to the EICS scheme, demonstrating the high quality of the solution and compatibility with all major satellite and TV platforms.

The TMS 5x32 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
- Quad and Quattro LNB compatible
- 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 5702663186170

CHARACTERISTICS

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



Technical Specifications

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 | -4...+1 ± 2 dB |
| Gain - TER dB | 0 ± 2 dB |

LOSS

| | |
|-------------------------------------|-----------|
| Tap loss TER dB | 33 ± 2 dB |
| Insertion loss - trunkline SAT dB | 7 ± 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 | 15...20 VDC |
| LINE power current (max.) mA | 2000 mA |
| PSU output DC voltage VDC | 18 VDC |
| ESD protection | 4KV inputs & sub outputs |
| 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 trunk inputs | 4 SAT, 1 TER |



Technical Specifications

| | |
|----------------------------|--|
| Number of trunk outputs | 4 SAT, 1 TER |
| Subscriber outputs | 32 |
| Colorcoding @IF/TER inputs | VL=Black, VH=Red, HL=Green, HH=Yellow, White=TER |

MECHANICAL

| | |
|-----------------------|---------------|
| Main material | Steel housing |
| Packing QTY | 1 |
| Product Height mm | 255 mm |
| Product Width mm | 140 mm |
| Product Depth mm | 65 mm |
| Packaging Height m | 0.070 m |
| Packaging Width m | 0.270 m |
| Packaging Depth m | 0.150 m |
| Packaging Volume m3 | 0.000 m3 |
| Net Weight kg | 0.820 kg |
| Tara Weight kg | 0.131 kg |
| Total Weight kg | 0.951 kg |