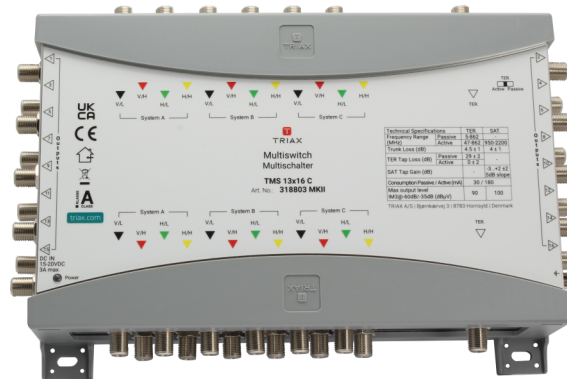


TMS 13x16 C

Art. Number 318803



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 16 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 13x16 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 5702663188037

### CHARACTERISTICS

LNB current max. | mA 3000 mA  
LNB type Quattro  
Max. input level - SAT (IMD3 - 35dB) | dB $\mu$ V 98 dB $\mu$ V  
Max. input level - TER (IMD3 - 60dB) | dB $\mu$ V 90 dB $\mu$ V  
Max. output level SAT @ -35 dB IMD3 | dB $\mu$ V 100 dB $\mu$ V  
Max. output level TER @ -60dB IMD3 | dB $\mu$ V 90 dB $\mu$ 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  $-3...+2 \pm 2$  dB  
Gain - TER | dB  $0 \pm 2$  dB

### LOSS

Insertion loss - trunkline SAT | dB  $4 \pm 1$  dB  
Insertion loss - trunkline TER | dB  $4.5 \pm 1$  dB  
Tap loss TER | dB  $27 \pm 2$  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 |  $\Omega$  75  $\Omega$

### OPERATIONAL

Control LEDs Green LED (Power)  
DC Current consumption | mA 30mA TER passive mA  
180mA 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	16

### 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	1.189 kg
Packaging Width   m	0.280 m
Product Height   mm	175 mm
Main material	Steel housing
Net Weight   kg	1.038 kg
Packing QTY	1
Tara Weight   kg	0.151 kg
Packaging Volume   m3	0.000 m3
Product Width   mm	255 mm