

TMS 13x32 C

Art. Number 318805



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 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.

The TMS 13x32 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 5702663188051

CHARACTERISTICS

LNB type Quattro
Max. input level - SAT (IMD3 - 35dB) | dB μ V 99 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 $-4...+1 \pm 2$ 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 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 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	32
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
Packaging Height m	0.070 m
Packaging Width m	0.280 m
Packaging Depth m	0.282 m
Packaging Volume m3	0.000 m3
Net Weight kg	1.553 kg
Tara Weight kg	0.207 kg
Total Weight kg	1.760 kg