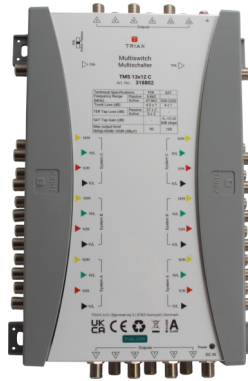


TMS 13x12 C

Art. Number 318802



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 12 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 13x12 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 5702663188020

CHARACTERISTICS

LNB type	Quattro
Max. input level - SAT (IMD3 - 35dB) dB μ V	98 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	-3...+2 \pm 2 dB
Gain - TER dB	0 \pm 2 dB

LOSS

Tap loss TER dB	27 \pm 2 dB
Insertion loss - trunkline SAT dB	4 \pm 1 dB
Insertion loss - trunkline TER dB	4.5 \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 180mA 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	12
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	180x255x65 mm
Packing QTY	1
Product Height mm	175 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	0.182 m
Packaging Volume m3	0.000 m3
Net Weight kg	1.018 kg
Tara Weight kg	0.151 kg
Total Weight kg	1.169 kg