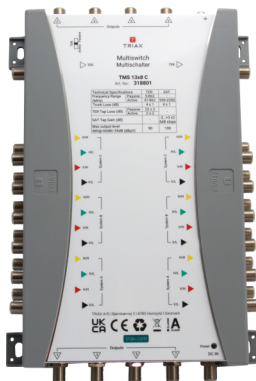


TMS 13x8 C

Art. Number 318801



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 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 13x8 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 5702663188013

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	2 \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 150mA 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	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	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	0.918 kg
Tara Weight kg	0.151 kg
Total Weight kg	1.069 kg