

TMS 5x8 C

Art. Number 318613





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 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.

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 5x8 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

Technical Specifications

ORDER INFORMATION

EAN Number 5702663186132

CHARACTERISTICS

LNB type	Quattro
Max. input level - SAT (IMD3 - 35dB) dBμV	97 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	-2...+3 ± 2 dB
Gain - TER dB	0 ± 2 dB

LOSS

Tap loss TER dB	23 ± 2 dB
Insertion loss - trunkline SAT dB	4 ± 1 dB
Insertion loss - trunkline TER dB	3 ± 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
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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 box) mA	<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	8
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	175 mm
Product Width mm	140 mm
Product Depth mm	65 mm
Packaging Height m	0.070 m
Packaging Width m	0.190 m
Packaging Depth m	0.150 m
Packaging Volume m3	0.000 m3
Net Weight kg	0.495 kg
Tara Weight kg	0.114 kg
Total Weight kg	0.609 kg