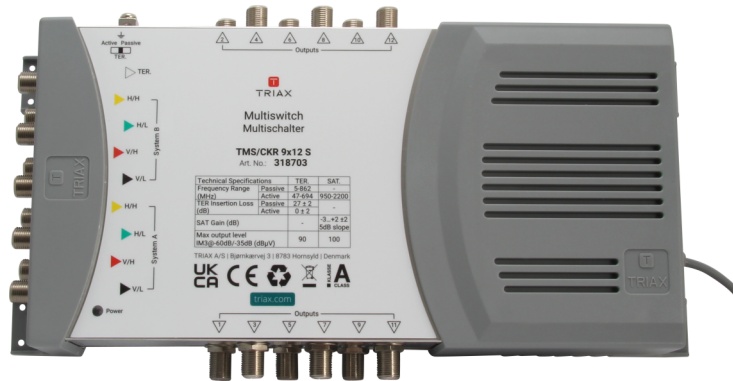# TMS/CKR 9x12 S

Art. Number   318703

Standalone multiswitch for 2 Satellite positions with 9 inputs and 12 outputs, suitable for distributing satellite and terrestrial signals in small and medium sized systems.

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/CKR 9x12 S 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

Technical Specifications

Technical Specifications

ORDER INFORMATION

EAN Number	5702663187030

CHARACTERISTICS

LNB type	Quattro
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	1000 mA
Switch commands	DiSEqC 1.0/2.0, 13/18V, 0/22kHz

FREQUENCY RANGE

Frequency range TER | MHz	Active: 47…694 / Passive: 5...862 MHz
Frequency range SAT | MHz	950…2200 MHz

GAIN

Gain - SAT (with 5 dB slope) | dB	-3…+2 ± 2 dB
Gain - TER | dB	0 ± 2 dB

LOSS

Tap loss TER | dB	27 ± 2 dB

ISOLATION

Isolation SAT to TER | 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 TER inputs | dB	>10 dB
Return loss TAP outputs | dB	>10 dB

ELECTRICAL

Impedance | Ω	75 Ω

OPERATIONAL

AC Supply voltage | VAC	180…264 VAC
ESD protection	4KV inputs & sub outputs
Power Consumption (typ.) | W	3.5W max. TER active W 2W max. TER passive
Max. current pass per F-connector | mA	2000 mA
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

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Technical Specifications

Number of inputs	5
Subscriber outputs	12
Power connector	EU main plug
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	270 mm
Product Width | mm	140 mm
Product Depth | mm	65 mm
Packaging Height | m	0.070 m
Packaging Width | m	0.330 m
Packaging Depth | m	0.150 m
Packaging Volume | m3	0.000 m3
Net Weight | kg	0.825 kg
Tara Weight | kg	0.165 kg
Total Weight | kg	0.990 kg

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