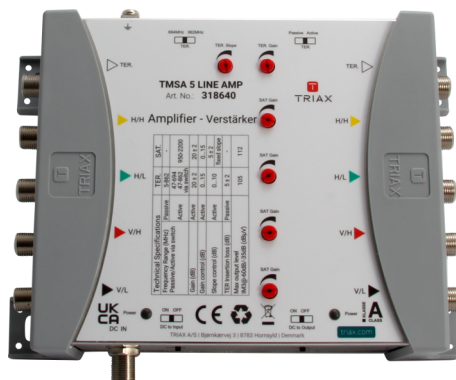


TMSA 5 LINE AMP

Art. Number 318640



The TMSA 5 Line Amp, with 5 inputs and 20dB gain, compensates for the cable loss in your designed multiswitch systems.

Powered directly via the DC input port, or line powered via all Sat lines.

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.

Technical Specifications

ORDER INFORMATION

EAN Number 5702663186408

CHARACTERISTICS

Gain control TER dB	0...15 dB
Gain control SAT dB	0...15 dB
Max. output level SAT @ -35 dB IMD3 dBμV	112 dBμV
Max. output level TER @ -60dB IMD3 dBμV	105 dBμV
LNB current max. mA	3000 mA

FREQUENCY RANGE

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

GAIN

Gain - SAT (with 5 dB slope) dB	20 ± 2 dB
Gain - TER dB	20 ± 2 dB

LOSS

Insertion loss - TER dB	5 dB
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ISOLATION

Isolation SAT to TER dB	> 30 dB
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Technical Specifications

Isolation cross polarisation H/V | dB > 30 dB

RETURN LOSS

Return loss SAT | 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

DC Current consumption | mA 230mA max. @18V DC mA

PSU/adapter Art number 318162, 318163, 318164

Control LEDs Green LED (Power)

Temperature - operating | °C -20...+50 °C

CONNECTORS

Connector Type F-female

Connector DC F-female

Number of trunk inputs 5

Number of trunk outputs 5

Colorcoding @IF/TER inputs VL=Black, VH=Red, HL=Green, HH=Yellow, White=TER

MECHANICAL

Dimensions product (H x D x W) | mm 140 x 65 x 175 mm

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 0.550 kg

Tara Weight | kg 0.129 kg

Total Weight | kg 0.679 kg