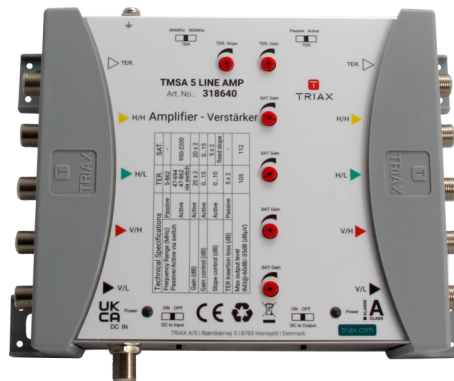


## TMSA 5 LINE AMP

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 |  $\Omega$  75  $\Omega$

### 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 | m<sup>3</sup> 0.000 m<sup>3</sup>

Net Weight | kg 0.550 kg

Tara Weight | kg 0.129 kg

Total Weight | kg 0.679 kg