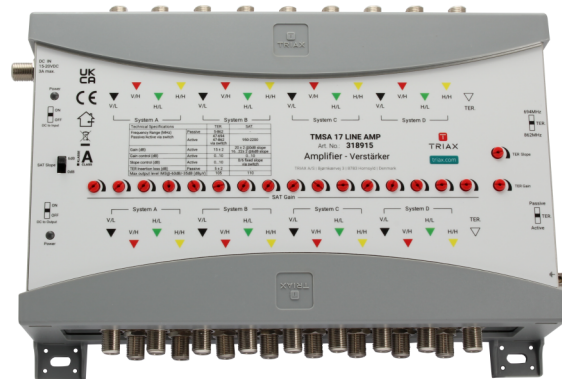


## TMSA 17 LINE AMP

Art. Number 318915



The TMSA 17 Line Amp, with 17 inputs and 20dB gain, compensates for the cable loss in your designed multiswitch systems.

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

### Technical Specifications

#### ORDER INFORMATION

EAN Number 5702663189157

#### CHARACTERISTICS

Gain control TER | dB 0...10 dB  
 Gain control SAT | dB 0...10 dB  
 Max. output level SAT @ -35 dB IMD3 | dBμV 110 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 | dB 20 ± 2dB @0dB slope or 16...22 ± 2dB @6dB slope dB  
 Gain - TER | dB 15 ± 2 dB

#### LOSS

Insertion loss - TER | dB 5 dB

#### ISOLATION

Isolation SAT to TER | dB > 30 dB  
 Isolation cross polarisation H/V | dB > 30 dB

#### RETURN LOSS



## Technical Specifications

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 800mA max. @18V DC mA

PSU/adapter Art number 318162, 318163, 318164

Control LEDs Green LED (Power)

Temperature - operating |  $^{\circ}\text{C}$  -20...+50  $^{\circ}\text{C}$

### CONNECTORS

Connector Type F-female

Connector DC F-female

Number of trunk inputs 17

Number of trunk outputs 17

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

### MECHANICAL

Dimensions product (H x D x W) | mm 260 x 65 x 175 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 | m<sup>3</sup> 0.000 m<sup>3</sup>

Net Weight | kg 1.158 kg

Tara Weight | kg 0.151 kg

Total Weight | kg 1.309 kg