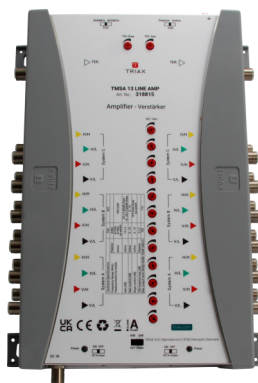


TMSA 13 LINE AMP

Art. Number 318815



The TMSA 13 Line Amp, with 13 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 5702663188150

CHARACTERISTICS

Gain control SAT | dB 0...10 dB
 Gain control TER | dB 0...10 dB
 LNB current max. | mA 3000 mA
 Max. output level SAT @ -35 dB IMD3 | dB μ V 110 dB μ V
 Max. output level TER @ -60dB IMD3 | dB μ V 105 dB μ V

FREQUENCY RANGE

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

GAIN

Gain - SAT | dB 20 ± 2 dB @0dB slope or $16...22 \pm 2$ dB @6dB slope dB
 Gain - TER | dB 15 ± 2 dB

LOSS

Insertion loss - TER | dB 5 dB

ISOLATION

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

RETURN LOSS



Technical Specifications

Return loss SAT | dB > 10 dB

ELECTRICAL

Impedance | Ω 75 Ω

OPERATIONAL

Control LEDs Green LED (Power)
DC Current consumption | mA 600mA max. @18V DC mA
ESD protection 4KV inputs & sub outputs
PSU/adaptor Art number 318162, 318163, 318164
LINE power current (max.) | mA 2000 mA
LINE power DC voltage (max.) | VDC 15...20 VDC
PSU output DC voltage | VDC 18 VDC
Temperature - operating | $^{\circ}\text{C}$ -20...+50 $^{\circ}\text{C}$

CONNECTORS

Connector Type F-female
Connector DC F-female
Colorcoding @IF/TER inputs VL=Black, VH=Red, HL=Green, HH=Yellow, White=TER
Number of trunk inputs 13
Number of trunk outputs 13

MECHANICAL

Product Depth | mm 65 mm
Dimensions product (H x D x W) | mm 260 x 65 x 175 mm
Packaging Depth | m 0.182 m
Packaging Height | m 0.070 m
Total Weight | kg 1.189 kg
Packaging Width | m 0.280 m
Product Height | mm 175 mm
Net Weight | kg 1.038 kg
Packing QTY 1
Tara Weight | kg 0.151 kg
Packaging Volume | m³ 0.000 m³
Product Width | mm 255 mm