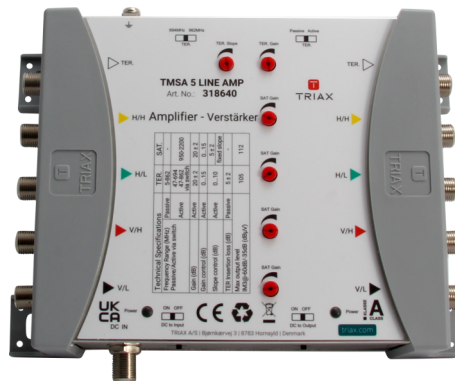


TMSA 5 LINE AMP

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

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

LOSS

Insertion loss - TER | dB 5 dB

ISOLATION

Isolation cross polarisation H/V | dB > 30 dB



Technical Specifications

Isolation SAT to TER | dB > 30 dB

RETURN LOSS

Return loss SAT | dB > 10 dB

ELECTRICAL

Impedance | Ω 75 Ω

OPERATIONAL

Control LEDs Green LED (Power)
DC Current consumption | mA 230mA max. @18V DC mA
ESD protection 4KV inputs & sub outputs
PSU/adapter 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 | °C -20...+50 °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 5
Number of trunk outputs 5

MECHANICAL

Product Depth | mm 65 mm
Dimensions product (H x D x W) | mm 140 x 65 x 175 mm
Packaging Depth | m 0.150 m
Packaging Height | m 0.070 m
Total Weight | kg 0.679 kg
Packaging Width | m 0.190 m
Product Height | mm 175 mm
Net Weight | kg 0.550 kg
Packing QTY 1
Tara Weight | kg 0.129 kg
Packaging Volume | m³ 0.000 m³
Product Width | mm 140 mm