

TMSA 5 LAUNCH AMP

Art. Number 318641



The TMSA 5 Launch Amp, with 5 inputs and 30dB 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 5702663186415

CHARACTERISTICS

Gain control TER | dB 0...15 dB
 Gain control SAT | dB 0...15 dB
 Max. output level SAT @ -35 dB IMD3 | dB μ V 118 dB μ V
 Max. output level TER @ -60dB IMD3 | dB μ V 112 dB μ V
 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 30 \pm 2 dB
 Gain - TER | dB 30 \pm 2 dB

LOSS

Insertion loss - TER | dB 5 dB

ISOLATION

Isolation SAT to TER | dB > 30 dB



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 500mA 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 0.560 kg

Tara Weight | kg 0.129 kg

Total Weight | kg 0.689 kg