

## 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 $\mu$ V 118 dB $\mu$ V  
 Max. output level TER @ -60dB IMD3 | dB $\mu$ V 112 dB $\mu$ 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



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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 500mA 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 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 0.560 kg

Tara Weight | kg 0.129 kg

Total Weight | kg 0.689 kg