

TMS 17 / IF-amplifier

Art. Number 301501

TRIAX TMS 17 / IF-amplifiers with 17 inputs and outputs. Boost your signal to get more mileage. Using a TMS line amplifier you can compensate for the cable loss in your distribution system. Line amplifiers for cascadable systems. 18-24 dB amplification on each output (switchable 6dB/flat slope). Terrestrial line amplifier with a 17 dB amplification. Adjustable (0-10 dB) attenuation on all lines. Switchable slope on satellite lines. Adjustable slope (0-15 dB) on terrestrial line. Supply voltage via power link, trunk or DC plug. Colour ID on all connectors for easy installation

## Technical Specifications

### ORDER INFORMATION

EAN Number 5702663015012

### CHARACTERISTICS

Max. Output level (@ full dig. load) | dB $\mu$ V 110 dB $\mu$ V

Max. output level SAT @ -35 dB IMD3 | dB $\mu$ V 110 dB $\mu$ V

Output level TER - 47-862 MHz | dB $\mu$ V 105 dB $\mu$ V

### FREQUENCY RANGE

Frequency range TER | MHz 5...862 MHz

Frequency range SAT | MHz 950-2150 MHz

### GAIN

Gain - SAT (with 5 dB slope) | dB 18.....24 dB

Gain - TER | dB 17 dB

Noise figure SAT | dB < 8.0 dB

Noise figure TER | dB < 7.0 dB

### LOSS

Attenuation - adjustable | dB 0 - 10 dB

Adjustable attenuator SAT | dB 0-10 dB

Adjustable attenuator TER | dB 0-10 dB

Equalization 0/6 dB commutable



## Technical Specifications

Equalization SAT	0 or 6.0 (switchable)
Equalization TER	0-15.0 (adjustable)

### ISOLATION

Isolation SAT to SAT   dB	30.0 dB
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### RETURN LOSS

Return loss SAT   dB	10.0 dB
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### ELECTRICAL

Impedance   $\Omega$	75 $\Omega$
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### OPERATIONAL

DC Operating voltage   VDC	18 VDC
Temperature - operating   °C	0...55 °C

### CONNECTORS

Number of trunk inputs	16 SAT, 1 TER
Number of trunk outputs	16 SAT, 1 TER + power link
Number of inputs	16x SAT, 1x TER, power link
Number of outputs	16x SAT, 1x TER, power link
Colorcoding @IF/TER inputs	VL=Black, VH=Red, HL=Green, HH=Yellow, Clear=TER

### MECHANICAL

Packaging Height   m	0.700 m
Packaging Width   m	1.200 m
Packaging Depth   m	3.500 m
Packaging Volume   m <sup>3</sup>	2.940 m <sup>3</sup>
Net Weight   kg	1.002 kg
Tara Weight   kg	0.270 kg
Total Weight   kg	1.272 kg