

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 cascading 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 | dB μ V 110 dB μ V
 Max. output level SAT @ -35 dB IMD3 | dB μ V 110 dB μ V
 Output level TER - 47-862 MHz | dB μ V 105 dB μ 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 Ω	75 Ω
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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 ³	2.940 m ³
Net Weight kg	1.002 kg
Tara Weight kg	0.270 kg
Total Weight kg	1.272 kg