



TMS 55 / IF-amplifier

Art. Number 300315

With 5 inputs and outputs. For one SATellite position. Boost your signal to get more mileage. Using a TMS line amplifier you can compensate for the cable loss in your distribution system.

Technical Specifications

ORDER INFORMATION

EAN Number 5702663003156

CHARACTERISTICS

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 47...862 MHz

Frequency range SAT | MHz 950-2150 MHz

GAIN

Gain - SAT (with 5 dB slope) | dB 20...25 dB

Gain - TER | dB 17 (\pm 2) dB

Noise figure SAT | dB < 12.0 dB

LOSS

Adjustable attenuator SAT | dB 0-20 dB

Adjustable attenuator TER | dB 0-20 dB

Equalization SAT 5

Equalization TER 2...15

RETURN LOSS

Return loss SAT outputs | dB 10.0 dB

Return loss SAT | dB 10.0 dB

Return loss TER | dB 10.0 dB



Technical Specifications

ELECTRICAL

Impedance | Ω 75 Ω

OPERATIONAL

DC Operating voltage | VDC 18 VDC

DC Current consumption | mA 250 mA

Temperature - operating | $^{\circ}\text{C}$ 0...50 $^{\circ}\text{C}$

CONNECTORS

Number of trunk outputs 4 SAT, 1 TER

Number of inputs 4 SAT, 1 TER

Number of outputs 4x SAT, 1x TER

Colorcoding @IF/TER inputs YES

Connector DC RCA (Phono, Cinch) female

MECHANICAL

Product Height | mm 124 mm

Product Width | mm 165 mm

Product Depth | mm 55 mm

Packaging Height | m 0.400 m

Packaging Width | m 1.000 m

Packaging Depth | m 1.450 m

Packaging Volume | m³ 0.580 m³

Net Weight | kg 0.520 kg

Tara Weight | kg 0.050 kg

Total Weight | kg 0.570 kg