

TMA 447 LTE BI-FM/BIII/U1/U2

Art. Number 324447



TMA 447 LTE BI-FM/BIII/U1/U2

The multiband amplifier TMA 447 LTE, allows selective amplification of different frequency bands. The UHF bandwidth is limited to 694 MHz to reject LTE frequencies. Each input is provided with an attenuator 0 at 20 dB. A test point allows control of the output signals without interrupting the service. The UHF 1 input is fitted with a switchable remote power supply to power a preamplifier (voltage available 24 VDC / 80mA)

Technical Specifications

ORDER INFORMATION

EAN Number 5702663244474

CHARACTERISTICS

Output level @ 60dB IMR3 - UHF | dBμV 118 dBμV
Output level @ 60dB IMR3 - VHF | dBμV 116 dBμV

FREQUENCY RANGE

Frequency Range DAB | MHz 170...230 MHz
Frequency Range FM | MHz 47...108 MHz
Frequency range UHF | MHz 470...694 MHz
Input 1 - frequency | MHz 47...108 MHz
Input 2 - frequency | MHz 170...230 MHz
Input 3 - frequency | MHz 470...694 MHz
Input 4 - frequency | MHz 470...694 MHz

GAIN

Input 1 - gain | dB 30 dB
Input 2 - gain | dB 35 dB
Input 3 - gain | dB 35//45 dB

Technical Specifications

Input 4 - gain dB	35//45 dB
Noise figure UHF dB	< 7 dB
Noise figure VHF dB	< 6 dB

LOSS

Attenuation dB	0...20 pr. input dB
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RETURN LOSS

Return Loss dB	> 12 dB
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ELECTRICAL

Impedance Ω	75 Ω
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OPERATIONAL

AC Supply voltage VAC	220 $\pm$ 10 / 50Hz VAC
Remote Supply V/mA	24/80 V/mA

CONNECTORS

Number of inputs	4
Number of outputs	1

MECHANICAL

Product Depth mm	170 mm
Dimensions product (H x D x W) mm	112x172x42 mm
Packaging Depth m	0.220 m
Packaging Height m	0.550 m
Total Weight kg	1.122 kg
Packaging Width m	0.145 m
Product Height mm	40 mm
Net Weight kg	1.022 kg
Packing QTY	1
Tara Weight kg	0.100 kg
Packaging Volume m3	0.000 m3
Product Width mm	135 mm