

Universal QUATTRO LNB, TQTD

Art. Number 304850



TRIAx complete range of LNB's

- Great quality, low footprint
- Cutting edge RF technology
- Excellent Cross polar isolation
- Excellent low noise / low phase noise
- High output / low power consumption
- Weatherproof & qualified for harsh environments
- Complete range of Single, Twin, Quad, Quattro and High Gain types

Technical Specifications

ORDER INFORMATION

EAN Number 5702663048508

CHARACTERISTICS

Phase noise @ room temperature - 1 kHz | dBc/Hz - 60 dBc/Hz
 Phase noise @ room temperature - 10 kHz | dBc/Hz - 80 dBc/Hz
 Phase noise @ room temperature - 100 kHz | - 100 dBc/Hz
 Spurious level | dBm - 60 (max.) dBm
 Image rejection (min.) | dB 40 dB
 Output VSWR 2.0:1
 Feedhorn diameter | mm Ø 40 mm
 LO temperature drifting ± 3 MHz
 LNB type Quattro

FREQUENCY RANGE

Input frequency low band | GHz 10.7...11,7 GHz
 Input frequency high band | GHz 11.7...12.75 GHz
 Output frequency low band | MHz 950...2150 MHz
 L.O. frequency low band | GHz 9.75 GHz



Technical Specifications

L.O. frequency high band | GHz 10.6 GHz

GAIN

Gain flatness (across 26 MHz segm) | dB 5 dB
Conversion gain (typ.) | dB 55...65 dB
Noise figure max. | dB typ 0.3 dB

ISOLATION

Cross polarization isolation | dB 20 dB

ELECTRICAL

Impedance | Ω 75 Ω

OPERATIONAL

DC Current consumption | mA 195 mA
Operating voltage vertical | V/DC 10.5...14.5 V/DC
Operating voltage horizontal | V/DC 15.5...21.0 V/DC
Temperature - operating | $^{\circ}\text{C}$ -30...60 $^{\circ}\text{C}$

MECHANICAL

Reflector type Offset
Colour RAL 7035 - Light grey
Packing QTY 1
Product Height | mm 130 mm
Product Width | mm 45 mm
Product Depth | mm 80 mm
Packaging Height | m 0.200 m
Packaging Width | m 0.090 m
Packaging Depth | m 0.062 m
Packaging Volume | m³ 0.046 m³
Net Weight | kg 0.212 kg
Tara Weight | kg 0.031 kg
Total Weight | kg 0.243 kg