

THQT 002 Universal QUATTRO LNB High Gain

Art. Number 304816



TRIAX complete range of LNB's

- High Gain
- 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 5702663048164

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
 Feedhorn diameter | mm Ø 40 mm
 Frequency stability (-40 ~ +60 °C) | MHz ± 1 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 ± 1.0 (typ.) dB

Conversion gain (typ.) | dB 60...72 dB

Noise figure max. | dB typ 0.3 dB

ISOLATION

Cross polarization isolation | dB 20 min 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 0.065 m

Packaging Volume | m³ 0.001 m³

Net Weight | kg 0.212 kg

Tara Weight | kg 0.031 kg

Total Weight | kg 0.243 kg