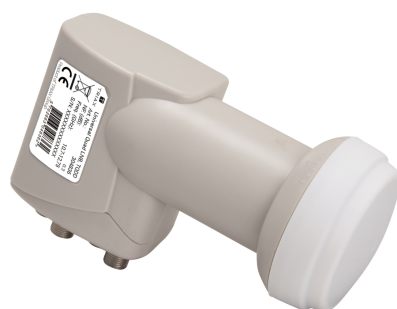


Universal QUAD LNB, TQDD

Art. Number 304836



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 5702663048362

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 | dBc/Hz - 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 ± 1.5 MHz between -40°C to +60°C, +/-1dB @ 25°C

LNB type Quad

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



Technical Specifications

L.O. frequency low band GHz	9.75 GHz
L.O. frequency high band GHz	10.6 GHz

GAIN

Gain flatness (across 26 MHz segm) dB	+/-0.5 dB
Conversion gain (typ.) dB	55...65 dB
Noise figure max. dB	typ 0.3 dB

ISOLATION

Cross polarization isolation dB	20 dB
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ELECTRICAL

Impedance Ω	75 Ω
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OPERATIONAL

Operating voltage vertical V/DC	10.5...14.5 V/DC
Operating voltage horizontal V/DC	15.5...21.0 V/DC
Temperature - operating °C	-30...60 °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 m ³	0.046 m ³
Net Weight kg	0.213 kg
Tara Weight kg	0.031 kg
Total Weight kg	0.244 kg