

TIQD Lens Quad LNB

Art. Number 304845



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 5702663048454

CHARACTERISTICS

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

FREQUENCY RANGE

Input frequency high band GHz	11.7...12.75 GHz
Input frequency low band GHz	10.7...11,7 GHz
L.O. frequency high band GHz	10.6 GHz

Technical Specifications

L.O. frequency low band GHz	9.75 GHz
Output frequency low band MHz	950...2150 MHz

GAIN

Conversion gain (typ.) dB	50...62 dB
Gain flatness (across 26 MHz segm) dB	5 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	185 mA
Operating voltage horizontal V/DC	15.5...21.0 V/DC
Operating voltage vertical V/DC	10.5...14.5 V/DC
Temperature - operating °C	-30...60 °C

MECHANICAL

Colour	RAL 7035 - Light grey
Product Depth mm	47.57 mm
Packaging Depth m	0.455 m
Packaging Height m	0.325 m
Total Weight kg	0.234 kg
Packaging Width m	0.280 m
Product Height mm	139.76 mm
Net Weight kg	0.204 kg
Packing QTY	1
Reflector type	Offset
Tara Weight kg	0.030 kg
Packaging Volume m3	0.041 m3
Product Width mm	82.78 mm