

TITW Lens Twin LNB

Art. Number 304843



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 5702663048430

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	Twin

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 50...62 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 180 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 139.76 mm
Product Width | mm 82.78 mm
Product Depth | mm 47.57 mm
Packaging Height | m 0.325 m
Packaging Width | m 0.280 m
Packaging Depth | m 0.455 m
Packaging Volume | m³ 0.041 m³
Net Weight | kg 0.196 kg
Tara Weight | kg 0.030 kg
Total Weight | kg 0.226 kg