



## TISI Lens Single LNB

Art. Number 304842



### 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 5702663048423

### 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 Single

### 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



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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 |  $\Omega$  75  $\Omega$

### OPERATIONAL

DC Current consumption | mA 100 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 | °C -30...60 °C

### MECHANICAL

Reflector type Offset  
Colour RAL 7035 - Light grey  
Packing QTY 1  
Product Height | mm 113.61 mm  
Product Width | mm 54.53 mm  
Product Depth | mm 52.13 mm  
Packaging Height | m 0.265 m  
Packaging Width | m 0.290 m  
Packaging Depth | m 0.570 m  
Packaging Volume | m<sup>3</sup> 0.044 m<sup>3</sup>  
Net Weight | kg 0.092 kg  
Tara Weight | kg 0.021 kg  
Total Weight | kg 0.113 kg