

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

Feedhorn diameter mm	Ø 40 mm
Image rejection (min.) dB	40 dB
LNB type	Single
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
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ELECTRICAL

Impedance Ω	75 Ω
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OPERATIONAL

DC Current consumption mA	100 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	52.13 mm
Packaging Depth m	0.570 m
Packaging Height m	0.265 m
Total Weight kg	0.113 kg
Packaging Width m	0.290 m
Product Height mm	113.61 mm
Net Weight kg	0.092 kg
Packing QTY	1
Reflector type	Offset
Tara Weight kg	0.021 kg
Packaging Volume m3	0.044 m3
Product Width mm	54.53 mm