



TSI 100 Gold, Single LNB

Art. Number 304871



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, Octo and other types on request

Technical Specifications

ORDER INFORMATION

EAN Number 5702663048713

CHARACTERISTICS

Phase noise @ room temperature - 1 kHz | dBc/Hz -65 dBc/Hz

Phase noise @ room temperature - 10 kHz | dBc/Hz -83 dBc/Hz

Phase noise @ room temperature - 100 kHz | -95 dBc/Hz

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

L.O. frequency high band | GHz 10.6 GHz

L.O. technology PLL



Technical Specifications

GAIN

Conversion gain (typ.) dB	57...65 dB
Noise figure max. dB	0,3 dB

ISOLATION

Cross polarization isolation dB	>23 dB
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ELECTRICAL

Impedance Ω	75 Ω
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OPERATIONAL

DC Current consumption mA	80 mA
Operating voltage vertical V/DC	11.5...14.0 V/DC
Operating voltage horizontal V/DC	16.0...20.0 V/DC
Temperature - operating °C	-30...60 °C

CONNECTORS

Connector Type	F-female
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MECHANICAL

Reflector type	Offset
Colour	RAL 9002 - Grey white
Packing QTY	1
Product Height mm	95 mm
Product Width mm	64 mm
Product Depth mm	57 mm
Packaging Height m	0.102 m
Packaging Width m	0.059 m
Packaging Depth m	0.059 m
Packaging Volume m ³	0.000 m ³
Net Weight kg	0.076 kg
Tara Weight kg	0.020 kg
Total Weight kg	0.096 kg