



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

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	-95 dBc/Hz
Phase noise @ room temperature - 10 kHz dBc/Hz	-83 dBc/Hz
Phase noise @ room temperature - 1 kHz dBc/Hz	-65 dBc/Hz

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



Technical Specifications

GAIN

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

ISOLATION

Cross polarization isolation dB	>23 dB
-----------------------------------	--------

ELECTRICAL

Impedance Ω	75 Ω
----------------------	-------------

OPERATIONAL

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

CONNECTORS

Connector Type	F-female
----------------	----------

MECHANICAL

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