



Universal Single LNB, TSID

Art. Number 304828



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 5702663048287

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 | dBc/Hz - 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



Technical Specifications

| | |
|--------------------------------|----------|
| L.O. frequency low band GHz | 9.75 GHz |
| L.O. frequency high band GHz | 10.6 GHz |

GAIN

| | |
|---|------------|
| Gain flatness (across 26 MHz segm) dB | 5 dB |
| Conversion gain (typ.) dB | 55...65 dB |
| Noise figure max. dB | ≤ 1.0 dB |

ISOLATION

| | |
|-----------------------------------|-------|
| Cross polarization isolation dB | 20 dB |
|-----------------------------------|-------|

ELECTRICAL

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

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 | 110 mm |
| Product Width mm | 62 mm |
| Product Depth mm | 62 mm |
| Packaging Height m | 0.180 m |
| Packaging Width m | 0.065 m |
| Packaging Depth m | 0.065 m |
| Packaging Volume m ³ | 0.053 m ³ |
| Net Weight kg | 0.111 kg |
| Tara Weight kg | 0.022 kg |
| Total Weight kg | 0.133 kg |