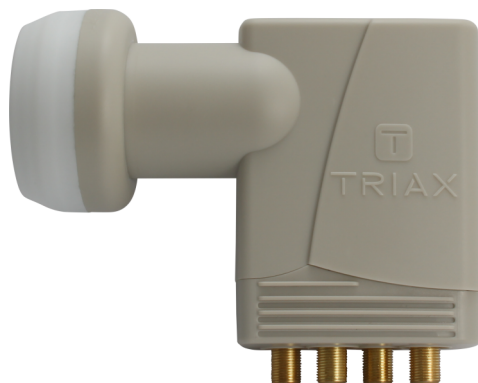


TQD 404 Gold, Quad LNB

Art. Number 304874



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 5702663048744

CHARACTERISTICS

| | |
|--|------------|
| Phase noise @ room temperature - 1 kHz dBc/Hz | -55 dBc/Hz |
| Phase noise @ room temperature - 10 kHz dBc/Hz | -75 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 | ± 2 MHz |
| LNB type | Quad |

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 | 53...68 dB |
| Noise figure max. dB | 0,3 dB |

ISOLATION

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

ELECTRICAL

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

OPERATIONAL

| | |
|-------------------------------------|------------------|
| DC Current consumption mA | 240 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 |
|----------------|----------|

MECHANICAL

| | |
|-----------------------------------|-----------------------|
| Reflector type | Offset |
| Colour | RAL 9002 - Grey white |
| Packing QTY | 1 |
| Product Height mm | 135.2 mm |
| Product Width mm | 112 mm |
| Product Depth mm | 61 mm |
| Packaging Height m | 0.143 m |
| Packaging Width m | 0.110 m |
| Packaging Depth m | 0.066 m |
| Packaging Volume m ³ | 0.001 m ³ |
| Net Weight kg | 0.210 kg |
| Tara Weight kg | 0.034 kg |
| Total Weight kg | 0.244 kg |