

connecting the future



TQD Universal QUAD LNB

Article number: 304834

Product description:

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

Specifications

ORDER INFORMATION	
EAN Number	5702663048348
CHARACTERISTICS	
LNB type	Quad
Feedhorn diameter	Ø 40 mm
Feedhorn F/D @ 11.7	0.6

LO temperature drifting	± 1.5 MHz
Output VSWR	2.0:1
Phase noise @ room temperature - 100 kHz	- 90 dBc/Hz
Phase noise @ room temperature - 10 kHz	- 85 dBc/Hz
Phase noise @ room temperature - 1 kHz	- 60 dBc/Hz
Spurious level	- 60 (max.) dBm
Image rejection (min.)	40 dB
FREQUENCY	
L.O. frequency high band	10.6 GHz
L.O. frequency low band	9.75 GHz
Output frequency low band	950...2150 MHz
Input frequency high band	11.7...12.75 GHz
Input frequency low band	10.7...11,7 GHz
GAIN	
Conversion gain (typ.)	55...65 dB
Gain flatness (across 26 MHz segm)	8 dB
Noise figure max.	typ 0.3 dB
ISOLATION	
Cross polarization isolation	20 dB
ELECTRICAL	
Impedance	75 Ω
OPERATIONAL	
Operating temperature range	-30...60 °C
Operating voltage horizontal	15.5...21.0 V/DC
Operating voltage vertical	10.5...14.5 V/DC
DC Current consumption	130 mA
CONNECTORS	
Connector Type	F-female
MECHANICAL	

Colour	RAL 7035 - Light grey
Product Depth	43 mm
Packaging Depth	0,652 m
Packaging Height	0,230 m
Total Weight	0,125 kg
Packaging Width	0,330 m
Net Weight	0,105 kg
Packing QTY	1
Reflector type	Offset
Tara Weight	0,020 kg
Packaging Volume	0,049 m ³
Product Width	60 mm
Product Height	104 mm