



# TRIAX

connecting the future



## Universal TWIN LNB, TTWD

Article number: 304831

### 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	5702663048317
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#### CHARACTERISTICS

Phase noise @ room temperature - 1 kHz	- 60 dBc/Hz
Phase noise @ room temperature - 10 kHz	- 80 dBc/Hz
Phase noise @ room temperature - 100 kHz	- 100 dBc/Hz

Spurious level	- 60 (max.) dBm
Image rejection (min.)	40 dB
Output VSWR	2.0:1
Feedhorn diameter	Ø 40 mm
LO temperature drifting	± 3 MHz
LNB type	Twin
<b>FREQUENCY</b>	
Input frequency low band	10.7...11,7 GHz
Input frequency high band	11.7...12.75 GHz
Output frequency low band	950...2150 MHz
L.O. frequency low band	9.75 GHz
L.O. frequency high band	10.6 GHz
<b>GAIN</b>	
Gain flatness (across 26 MHz segm)	5 dB
Conversion gain (typ.)	55...65 dB
Noise figure max.	typ 0.3 dB
<b>ISOLATION</b>	
Cross polarization isolation	20 dB
<b>ELECTRICAL</b>	
Impedance	75 Ω
<b>OPERATIONAL</b>	
DC Current consumption	180 mA
Operating voltage vertical	10.5...14.5 V/DC
Operating voltage horizontal	15.5...21.0 V/DC
Temperature - operating	-30...60 °C
<b>CONNECTORS</b>	
Connector Type	F-female
<b>MECHANICAL</b>	
Reflector type	Offset
Product Height	136 mm
Product Depth	59 mm
Product Width	83 mm
Colour	RAL 7035 - Light grey

Packing QTY	1
Packaging Height	0,305 m
Packaging Width	0,330 m
Packaging Depth	0,455 m
Packaging Volume	0,046 m <sup>3</sup>
Net Weight	0,206 kg
Tara Weight	0,030 kg
Total Weight	0,236 kg

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