

THQT 003, Quattro HI GAIN LNB

Art. Number 304875



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 5061038083965

CHARACTERISTICS

Feedhorn diameter mm	Ø 40 mm
Image rejection (min.) dB	40 dB
LNB type	Quattro
LO temperature drifting	± 2 MHz
Output VSWR	2.0:1
Phase noise @ room temperature - 100 kHz	-100 dBc/Hz
Phase noise @ room temperature - 10 kHz dBc/Hz	-85 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	63...69 dB
Noise figure max. dB	0,3 dB

ISOLATION

Cross polarization isolation dB	>23 dB
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ELECTRICAL

Impedance Ω	75 Ω
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OPERATIONAL

DC Current consumption mA	280 mA
DC Operating voltage VDC	12...19 VDC
Temperature - operating °C	-30...60 °C

CONNECTORS

Connector Type	F-female
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MECHANICAL

Colour	RAL 9002 - Grey white
Product Depth mm	61 mm
Packaging Depth m	0.066 m
Packaging Height m	0.143 m
Total Weight kg	0.244 kg
Packaging Width m	0.110 m
Product Height mm	135.2 mm
Net Weight kg	0.210 kg
Packing QTY	1
Reflector type	Offset
Tara Weight kg	0.034 kg
Packaging Volume m3	0.001 m3
Product Width mm	112 mm