



## DATASHEET

LNBS

THOO 002 Octo LNB High Gain

Art. Number 304824



### Technical Specifications

#### ORDER INFORMATION

EAN Number 5702663048249

#### CHARACTERISTICS

LNB type	Octo
Feedhorn diameter	Ø 40 mm
Feedhorn F/D @ 11.7	0.6
Image rejection (min.)	35 dB
LO temperature drifting	± 3 MHz
Output VSWR	2.0:1
Phase noise @ room temperature - 100 kHz	- 100 dBc/Hz
Phase noise @ room temperature - 10 kHz	- 80 dBc/Hz
Phase noise @ room temperature - 1 kHz	- 60 dBc/Hz

#### FREQUENCY

L.O. frequency high band	10.6 GHz
L.O. frequency low band	9.75 GHz
L.O. technology	DRO
Input frequency high band	11.7...12.75 GHz
Input frequency low band	10.7...11,7 GHz
Output frequency low band	950...2150 MHz

#### GAIN

Conversion gain (typ.)	60...72 dB
Noise figure max.	≤ 1.0 dB



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Gain flatness (across 26 MHz segm) 5 dB

### ISOLATION

Cross polarization isolation 18 dB

### ELECTRICAL

Impedance 75  $\Omega$

### OPERATIONAL

DC Current consumption 190 mA

Operating temperature range -30...60 °C

Operating voltage horizontal 15.5...21.0 V/DC

Operating voltage vertical 10.5...14.5 V/DC

### CONNECTORS

Connector Type F-female

### MECHANICAL

Packaging Volume 0,000 m<sup>3</sup>

Net Weight 0,000 kg

Tara Weight 0,000 kg

Total Weight 0,000 kg

Packaging Height 0,000 m

Packaging Width 0,000 m

Packaging Depth 0,000 m

Colour RAL 7035

Packing QTY 1

Product Height 142,88 mm

Reflector type Offset

Product Width 137,93 mm

Product Depth 59,21 mm