

Data sheet

LNBS

Elliptical Quad LNB - for Mk4 elliptical satellite dish, RAL 7016

Item number 304444



Specifications

EAN Number	5702663044449
Connector Type	F-female
Gain flatness (across 26 MHz segm)	± 1.0 (typ.) dB
Gain variation (over operating band)	5 p-p (typ.)
Conversion gain (max.)	64 dB
Conversion gain (min. at room temperature)	50 dB
Conversion gain (typ.)	dB
Noise figure max.	0.3 dB
Phase noise @ room temperature - 1 kHz	- 50 dBc/Hz
Phase noise @ room temperature - 10 kHz	- 75 dBc/Hz
Phase noise @ room temperature - 100 kHz	- 95 dBc/Hz
Spurious level	- 60 (max.) dBm
Image rejection (min.)	40 dB
Cross polarization isolation	25 typ. dB
Feedhorn F/D @ 11.7	0.615
Frequency stability (-40 ~ +60 °C)	$\pm 2.1:1$ MHz
Output frequency high band	1100 - 2150 GHz
Output frequency low band	950 - 1950 GHz
LO frequency high band	10.6 GHz
LO frequency low band	9.75 GHz
Input frequency high band	11.7 - 12.75 GHz
Input frequency low band	10.7 - 11.7 GHz

Specifications

DC current consumption (typ.)	180 mA
Operating voltage vertical	10.5 ~ 14.5 V/DC
Operating voltage horizontal	15.5 ~ 21.0 V/DC
Switching position	none
Switching low band	0.0 kHz
Switching high band	22 (± 4) kHz
Operating temperature range	-40 ~ +60 °C
Max. depth incl. feedhorn	135 mm
Colour	RAL 7016
Diameter	Ø 40 mm
Height (mm)	137 mm
Depth (mm)	97 mm
Width (mm)	59 mm
Packing QTY	50
Packaging Depth	0,000 m
Packaging Height	0,000 m
Total Weight	0,250 kg
Packaging Width	0,000 m
Packaging Volume	0,000 m ³
Net Weight	0,210 kg
Tara Weight	0,040 kg