

connecting the future



TITW 001 Universal Twin, Slim Line, RAL 7035

Article number: 304475

Product description:

TITW 001 Twin Universal LNB.

Full KU-band coverage for both analogue and digital reception. Excellent noise figure and low phase noise. High gain and excellent cross-pole isolation. High output and low power consumption. Single packed in gift box

Specifications

ORDER INFORMATION	
EAN Number	5702663044753
CHARACTERISTICS	
Feedhorn F/D @ 11.7	0.615
Frequency stability (-40 ~ +60 °C)	± 2.1:1 MHz
Phase noise @ room temperature - 100 kHz	- 95 dBc/Hz

Phase noise @ room temperature - 10 kHz	- 75 dBc/Hz
Phase noise @ room temperature - 1 kHz	- 50 dBc/Hz
Spurious level	- 60 (max.) dBm
Switching high band	22 (\pm 4) kHz
Switching low band	0.0 kHz
Image rejection (min.)	40 dB
LNB type	Twin
Feedhorn diameter	\varnothing 40 mm
FREQUENCY	
L.O. frequency high band	10.6 GHz
L.O. frequency low band	9.75 GHz
Output frequency high band	1100 - 2150 MHz
Output frequency low band	950 - 1950 MHz
Input frequency high band	11.7 - 12.75 GHz
Input frequency low band	10.7 - 11.7 GHz
GAIN	
Conversion gain (typ.)	56 dB
Gain flatness (across 26 MHz segm)	\pm 1.0 (typ.) dB
Gain variation (over operating band)	5 p-p (typ.)
Noise figure max.	0.3 dB
ISOLATION	
Cross polarization isolation	25 typ. dB
OPERATIONAL	
Operating temperature range	-40 ~ +60 °C

Operating voltage horizontal	15.5 ~ 21.0 V/DC
Operating voltage vertical	10.5 ~ 14.5 V/DC
DC Current consumption	190 mA
CONNECTORS	
Connector Type	F-female
MECHANICAL	
Packaging Depth	0,160 m
Packaging Height	0,045 m
Total Weight	0,234 kg
Packaging Width	0,090 m
Max. depth incl. feedhorn	135 mm
Net Weight	0,196 kg
Packing QTY	50
Tara Weight	0,038 kg
Packaging Volume	0,001 m3
Product Depth	97 mm
Product Width	59 mm
Product Height	137 mm
Colour	RAL 7035