

SOIO SOS-006

UNIVERSAL QUATTRO LNB.F



## Technical Specifications

### CHARACTERISTICS

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
Feedhorn F/D @ 11.7	0.615
Frequency stability (-40 ~ +60 °C)	± 2.1:1 MHz
Switching position	none

### FREQUENCY

Output frequency high band	1100 - 2150 GHz
Output frequency low band	950 - 1950 GHz
LO frequency high band	10,60 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

### GAIN

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
Noise figure max.	0.3 dB

### ISOLATION

Cross polarization isolation	25 typ. dB
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### OPERATIONAL

DC Operating voltage	10.5...21.0 VDC
DC Current consumption (typ.)	190 mA
Operating temperature range	-40 ~ +60 °C



## CONNECTORS

Connector Type F-female

### Connector Type

Max. depth incl. feedhorn	135 mm
Colour	RAL 7035
Diameter	Ø 40 mm
Height (mm)	137 mm
Depth (mm)	97 mm
Width (mm)	59 mm
Packing QTY	50
Packaging Volume	0,008 m3
Net Weight	0,208 kg
Tara Weight	0,042 kg
Total Weight	0,250 kg
Packaging Height	0,065 m
Packaging Width	0,900 m
Packaging Depth	0,145 m

