

Dual DBS LNBF KU Band K852F

Specifications:

DBS DUAL LNBF Product Specification
Model k852FI

Rf input:

Input frequency range 12.2-12.7 ghz

If input:

Output Frequency Range 950-1450 mhz
Output VSWR 2.0:1 (max) in a 75 ohm system

Local Oscillator:

LO Frequency Stability 11.25 ghz +- 2 mhz @ 22 C
after 15 minutes warm up period
11.25 ghz +- 4 mhz @ -35 C - +52 C
LO Frequency Phase Noise -50dbc/hz@ 1khz
(max)
-70dbc/hz@ 10khz (max)
-95dbc/hz@ 100khz (max)

Conversion Gain:

Gain 50 – 62db @ over temperature
Gain Variation +- 0.5db (max) @ Any 24Mhz
Segment
Gain peak to peak 5db (Max) @ 22 C
6db (Max) @ -35 C -+ 52 C
Noise Figure 1.1 db (max) @ Over the entire
operating temperature range
Image Rejection 40db (Min)
Cross polarization isolation 25 db (min)

Power Requirements:

Voltage Level 10.5- 14 Vdc (RHP)
15.5- 21 Vdc (LHP)
Maximun Current 200 mA (max)

