



BSC421C-band LNBF Digital Ready C-band LNBF
13°K Temperature

- Special for Digital C-Band Satellite Reception
- Extended Frequency 3.4 GHz ~ 4.2 GHz
- Voltage-Controlled H/V Switching (13/18V)
- Superior Low Phase Noise for Digital Application
- Excellent D.R.O. Stability
- High Gain Output
- Light Weight Design
- 100% Waterproof
- Super Compact Tooling
- Scalar Ring Included
- Best Solution for Multi-User System

SPECIFICATIONS

Input Frequency	3.4 to 4.2 GHz
L.O. Frequency	5150 MHz (± 500 KHz @ 25°C)
L.O. Stability	± 1.5 MHz (-40 to +70°C)
Output Frequency	950 to 1750 MHz
Noise figure	13°K typical
Conversion gain	55 dB typical
Input VSWR	2.5:1 (maximum)
Output VSWR	2.0:1 (maximum)
Output connector	F female connector
Output Impedance	75 ohms
Cross Polar Isolation	20 dB (minimum)
Image Rejection	45 dB (minimum)
Phase Noise	-85 dBc @ 10 Khz (minimum)

Supply Voltage	11.5 to 14.0 V (vertical) 16.0 to 19.0 V (horizontal)
Operating Temperature	-40 to +70°C
Storage Temperature	-40 to +80°C
Relative Humidity	0% to 95%
Size	168mm x 130mm x 190mm
Weight	680g