



DMS International

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BSC421 C-band LNB

Specifications	
Input Frequency	3.4 GHz to 4.2 GHz
Output Frequency	950 MHz to 1750 MHz
LO Frequency	5.15 GHz (5150 MHz)
LO Frequency Stability	±1.5 MHz @ -40°C to +60°C
Noise Figure	13°K (Typ.)
Conversion Gain	65dB (Typ.)
Output VSWR	2.0:1 (Max.)
V/H Isolation	23dB (Min.)
Image Rejection	40dB (Typ.)
P 1dB Gain Compression	-5dB (Min.)
Phase Noise	-75dBc/Hz (1 KHz)
Vertical Horizontal Switch Control	(V) 11.5v to 14.2vdc, (H) 15.5vdc to 21.0vdc
Output Connector	75 ohm F type

BSC421 C-band LNB out performs separate LNB and feedhorn combinations by eliminating the bends and reflections caused by LNB / feedhorn technology. The BSC421 provides a straight shoot from the dish to the active probe inside our “in-line” wave guide. This eliminates lose and induced noise. There are no fittings between the LNB and feedhorn. LNB and feedhorn have nothing to bolt together. This gives you higher signal gain by eliminating the loses associated with antiqued LNB / feedhorn combinations.