



G-STAR COMMUNICATIONS LTD.

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C-BAND ONE CABLE SOLUTION LNBF

Item	Specifications	
Input Frequency Range	3.7 ~4.2 GHz	
Output Frequency Range	H:950 ~ 1450 MHz	V:1550 ~ 2050 MHz
L.O. Frequency	5.15GHz \pm 1MHz	5.75GHz \pm 1MHz
L.O. Frequency Stability	\pm 2.5MHz (-40°C to +70°C)	
Local Leakage at Input	-45dB	
Conversion Gain	65dB(TYP)	
Gain Flatness	\pm 1dB/36MHz	
Output V.S.W.R	2.5 : 1	
Output Spurious	60dBm(Max)	
Noise Figure	17° K(Max)	
DC Supply Voltage	13-24/45mA (Max)	
Image Rejection	45 dB(Min)	
Output Power	+5 dBm (at 1 dB Compression)	
Supply Current	200 mA (Max)	
RF Input Connector	Wave Guide WC-229	
IF Output Connector	"F" Type Female 75 Ω	