GDI TECHNOLOGY

Antenna
GDLNB-CKU

C & Universal Ku Band Cku C/ku Lnb Lnbf Linear Polarization Fta

FEATURES

- Precision cast-aluminum construction
- High-Gain
- Low-Noise

INCLUDES

- LNBF
- Scalar Ring
- Dielectric Plate(If required)
- Built in switch
- End Cap
- Mounting Screws

CHARACTERISTICS

- Our latest C/Ku-Band Combo LNBF featuring high gain, low noise and excellent stability.
- This is the LNBF you need to get all C and Ku band satellite channels with your 180cm, 210cm, 240cm, 300cm, 350cm or 400cm prime focus dish.
- Includes built-in switch to combine the C and Ku bands.
- Recommended for oversized dishes (i.e. 10ft diameter or greater) because combining both bands will result in some c band signal degradation.

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SPECIFICATIONS

MODEL:	• GDLNB-CKU		
	C-BAND	KU-BAND	KU-BAND
INPUT FREQUENCY RANGE:	3.4-4.2GHz	10.7-11.7GHz	11.7-12.75GHz
OUTPUT FREQUENCY RANGE:	950~1750MHz	950-1950MHz	1100-2150MHz
L.O. FREQUENCY:	5.150GHz	9.75GHz	10.6GHz
NOISE FIGURE:	17°K	0.6dB	0.6dB
CONVERSION GAIN:	65dB (Typ.)	58dB(MIN.)	67dB(MAX.)
GAIN FLATNESS:	±1dB/36MHz	土0.5dB/26MHz	
CROSS POLAR ISOLATION:	21dB(TYP.)		
L.O FREQUENCY STABILITY:	±1MHz(MAX.) @+25°C		
L.O FREQUENCY STABILITY:	±2MHz(MAX.) @+40°C~+80°C		
L.O.PHASE NOISE:	-60dBc/Hz @1KHz		
L.O.PHASE NOISE:	-80dBc/Hz @10KHz		
L.O.PHASE NOISE:	-100dBc/Hz@100KHz		
GAIN VARIATION P-PO:	±4dB(MAX.)		
OUTPUT VSWR:	2.5:1		
IMAGE REJECTION:	40dB(MAX.)		
P 1DB GAIN COMPRESSION:	0dB(Max)		
DC CURRENT CONSUMPTION:	120mA(MAX)	85mA(MAX)	
LOW/HIGH BAND SWITCHING:		0KHz	22±4KHz
OUTPUT CONNECTOR:	75Ω(F-Type)Female		
POL SWITCHING VOLTAGE:	11.5-14.5V @ V Polarization		
POL SWITCHING VOLTAGE:	15.5-22.0V @ H Polarization		
OPERATING TEMPERATURE:	-40°C ~ + 80°C		

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