FLB-20200-22200-60-150-1

20.2~21.2GHz, 21.2~22.2GHz, 60dB, 150K, Ka-Band

Features:
* Broad Band
* Low Noise Temperature
* Low Input VSWR

Applications:
* Fixed Station
* Mobile Station
* Laboratory Test

Electrical

Gain:	60dB
Gain Flatness:	4.0dBp-p max.
Noise Temperature:	150K
Output Power (Psat):	10dBm min.
Input/Output VSWR:	2.5/2.0
Phase Noise:	-70dBc/Hz@1KHz max. -80dBc/Hz@10KHz max. -90dBc/Hz@100KHz max.
Frequency Stability:	±1ppm max. @Internal Reference
External Reference:	10MHz, 0±3dBm
Voltage:	12~24V DC
Current:	500mA typ. @15V
Impedance:	50Ω

Input RF Frequency (GHz)	Output IF Frequency (MHz)	LO Frequency (GHz)	Simultaneous Output
20.2~21.2	950 - 1950	19.25	Out1
21.2~22.2		23.15	Out2

Mechanical

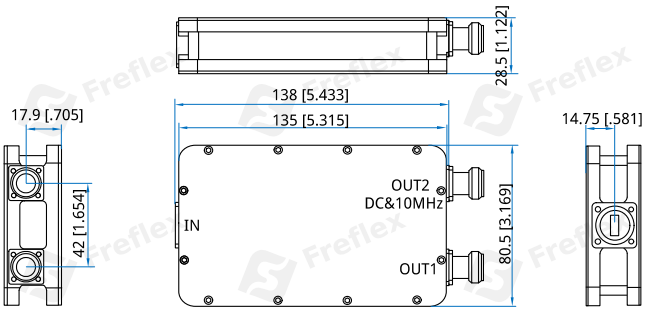
Size[*1]:	135*80.5*28.5mm 5.315*3.169*1.122in
RF Input Waveguide Size:	WR-42 (BJ220)
Flange:	FBM220
Ext.ref. Input(10MHz)/ IF Output Connectors:	N Female /SMA Female /75Ω F Inch Thread Female
Weight:	500g max.

[1] Exclude connectors.

Environmental

Operating Temperature:	-40~+60℃
Operating Humidity:	0~100%

Outline Drawings



Unit: mm [in]
Tolerance: ±0.5mm [±0.02in]

How To Order

FLB-20200-22200-60-150-1-Z
Z: Output connector type

Connector naming rules:
N - N female
S - SMA female
F - F Inch Thread female

Examples:
To order a Block Downconverters (LNBs), 20.2~22.2GHz, 60dB, 150K, N female, specify FLB-20200-22200-60-150-1-N.

Customization is available upon request.