FLB-3700-4200-60-40

3.7~4.2GHz, 60dB, 40K, C-Band

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

Applications:
* Fixed Station
* Mobile Station
* Laboratory Test

Electrical

Input RF Frequency:	3.7~4.2GHz
Output IF Frequency:	950~1450MHz
LO Frequency:	5.15GHz
Gain:	60dB
Gain Flatness:	±2.0dBp-p/500MHz max.
Noise Temperature:	40K
Output Power (Psat):	10dBm min.
Input/Output VSWR:	1.35/1.5
Phase Noise:	-65dBc/Hz@100Hz max.
	-75dBc/Hz@1KHz max.
	-82dBc/Hz@10KHz max.
	-92dBc/Hz@100KHz max.
Frequency Stability:	±1ppm max.
	@Internal Reference
External Reference:	10MHz, 0±3dBm
Voltage:	12~18V DC
Current:	200mA typ.
Impedance:	50Ω

Mechanical

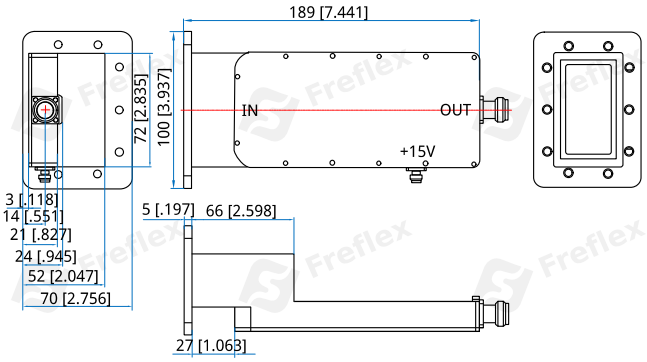
Size[*1]:	189*100*70mm
	7.441*3.937*2.756in
RF Input Waveguide Size:	WR-229 (BJ40)
Flange:	FDM40
Ext.ref. Input(10MHz)/ IF Output Connector:	50Ω N Female/50Ω SMA Female/75Ω F Inch Thread Female
Weight:	570g max.

[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-3700-4200-60-40-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), 3.7~4.2GHz, 60dB, 40K, N female, specify FLB-3700-4200-60-40-N.

Customization is available upon request.