FLB-12250-12750-60-65

12.25~12.75GHz, 60dB, 65K, Ku-Band

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

Applications:
* Fixed Station
* Mobile Station
* Laboratory Test

Electrical

Input RF Frequency:	12.25~12.75GHz
Output IF Frequency:	950~1450MHz
LO Frequency:	11.3GHz
Gain:	60dB
Gain Flatness:	±3dBp-p max.
Noise Temperature:	65K
Output Power (Psat):	10dBm min.
Input/Output VSWR:	2.5/2.0
Phase Noise:	-60dBc/Hz@100Hz max. -70dBc/Hz@1KHz max. -80dBc/Hz@10KHz max. -90dBc/Hz@100KHz max.
Frequency Stability:	±1ppm@Internal Reference
External Reference:	10MHz, 0±3dBm
Voltage:	12~18V DC
Current:	100mA typ.
Impedance:	50Ω

Mechanical

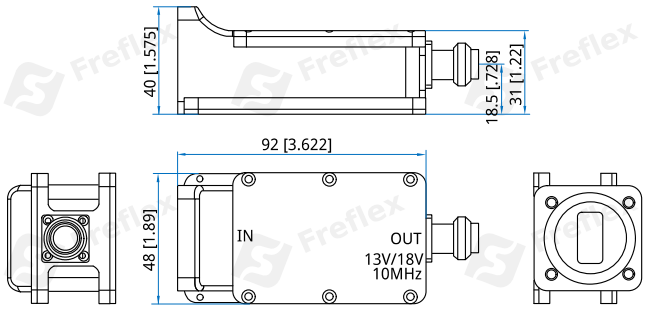
Size[*1]:	92*48*40mm 3.622*1.89*1.575in
RF Input Waveguide Size:	WR-75 (BJ120)
Flange:	FBM120
Ext.ref. Input(10MHz)/ IF Output Connector:	50Ω N Female/50Ω SMA Female/75Ω F Inch Thread Female
Weight:	300g

[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-12250-12750-60-65-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), 12.25~12.75GHz, 60dB, 65K, N female, specify FLB-12250-12750-60-65-N.

Customization is available upon request.