

QLB-19600-21200-60-150

19.6~21.2GHz, 60dB, 150K, Ka-Band

Features:

- * Broad Band
- * Low Noise Temperature
- * Low Input VSWR

Applications:

- * Fixed Station
- * Mobile Station
- * Laboratory Test

Electrical

Input RF Frequency:	19.6~21.2GHz
Output IF Frequency:	2200~3800MHz
LO Frequency:	17.4GHz
Gain:	60dB
Gain Flatness:	4dBp-p max.
Noise Temperature:	150K
Output Power (Psat):	5dBm 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 max. @Internal Reference
External Reference:	10MHz, 0±3dBm
Voltage:	12~24V DC
Current:	300mA typ. @15VDC
Impedance:	50Ω

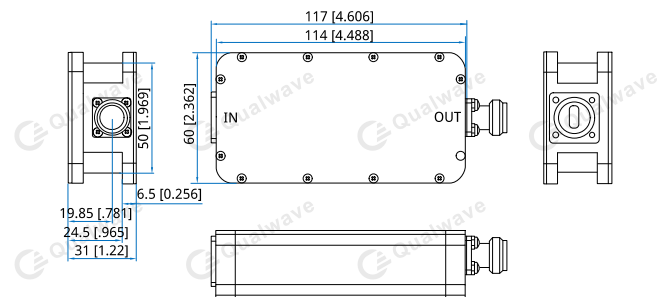
Mechanical

Size*1:	117*60*31mm 4.606*2.362*1.22in
RF Input Waveguide Size:	WR-42 (BJ220)
Flange:	FBM220
Ext.ref. Input(10MHz)/	50Ω N Female/50Ω SMA
IF Output Connectors:	Female/75Ω F Inch Thread Female
Weight:	400g max.

[1] Exclude connectors.

Environmental

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

Outline Drawings


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

How To Order

QLB-19600-21200-60-150-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), 19.6~21.2GHz, 60dB, 150K, N female, specify QLB-19600-21200-60-150-N.

Customization is available upon request.