

QLB-11700-12750-60-80

11.7~12.75GHz, 60dB, 80K, Ku-Band, Nationwide Production

Features:

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

Applications:

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

Electrical

Input RF Frequency:	11.7~12.75GHz
Output IF Frequency:	950~2000MHz
LO Frequency:	10.75GHz
Gain:	60dB
Gain Flatness:	±3dBp-p max.
Noise Temperature:	80K
Output Power (Psat):	0dBm min.
Input/Output VSWR:	2.5/2.0
Phase Noise:	-65dBc/Hz@100Hz max. -75dBc/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:	270mA typ. @12V
Impedance:	50Ω

Mechanical

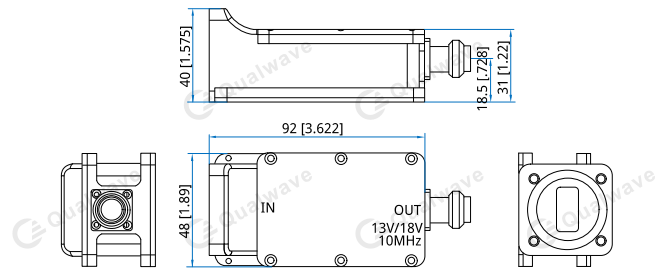
Size*1:	92*48*40mm 3.622*1.89*1.575in
RF Input Waveguide Size:	WR-75 (BJ120)
Flange:	FBM120
Ext.ref. Input(10MHz)/	50Ω N Female/50Ω SMA
IF Output Connector:	Female/75Ω F Inch Thread Female
Weight:	300g max.

[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-11700-12750-60-80-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), 11.7~12.75GHz, 60dB, 80K, N female, specify QLB-11700-12750-60-80-N.

Customization is available upon request.