

## QLB-10950-12750-60-90

10.95~12.75GHz, 60dB, 90K, Ku-Band

### Features:

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

### Applications:

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

### Electrical

Gain:	60dB
Gain Flatness:	±2.5dBp-p max.
Noise Temperature:	90K
Output Power (Psat):	10dBm min.
Input/Output VSWR:	1.35/1.5
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:	250mA typ. @15V
Impedance:	50Ω

Input RF Frequency (GHz)	Output IF Frequency (MHz)	LO Frequency (GHz)
10.95~12.75	950~2750	10

### Mechanical

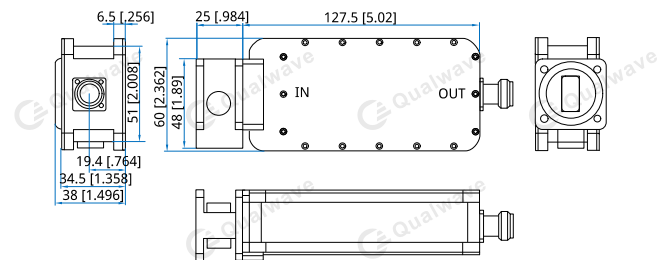
Size*1:	127.5*60*38mm 5.02*2.362*1.496in
RF Input Waveguide Size:	WR-75 (BJ120)
Flange:	FBM120
Ext.ref. Input(10MHz)/	N Female /SMA Female /75Ω F
IF Output Connectors:	Inch Thread Female
Weight:	420g max.

[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-10950-12750-60-90-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), 10.95~12.75GHz, 60dB, 90K, N female, specify QLB-10950-12750-60-90-N.

Customization is available upon request.