

# QSLA-10700-12750-55-80

## Ku-Band, 10.7~12.75GHz, 55dB, 80K

**Features:**

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

**Applications:**

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

**Electrical**

Frequency:	10.7~12.75GHz
Gain:	55dB
Gain Flatness:	±1dBp-p max.
Gain Variation (within the operating temperature range):	±1.5dB max.
Gain Stability (at constant temperature):	±0.1dB/h, ±0.2dB/24h
Noise Temperature:	80K
Output Power (P1dB):	10dBm min.
Non Damaging Input Power:	0dBm max.
Input/Output VSWR:	2.5/1.5
Spurious:	-60dBc max.
Voltage:	+15V DC (12~18V DC)
Current:	80mA typ.
Impedance:	50Ω

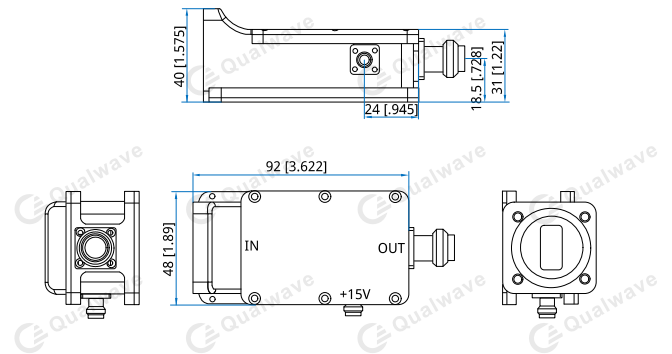
**Mechanical**

Size <sup>*1</sup> :	92*48*40mm 3.622*1.89*1.575in
Input Waveguide Size:	WR-75 (BJ120)
Output Connectors:	SMA Female or N Female
Flange:	FBM120
Power Supply Interface:	SMA Female

[1] Exclude connectors.

**Environmental**

Operating Temperature:	-40~+60°C
Operating Humidity:	5%~100%

**Outline Drawings**


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

**How To Order**

**QSLA-10700-12750-55-80-X**

X: Output connector type

Connector naming rules:

- S - SMA female
- N - N female

Examples:

To order a Satcom Low Noise Amplifier, 10.7~12.75GHz, 55dB, 80K, SMA female, specify QSLA-10700-12750-55-80-S.

Customization is available upon request.