

QSLA-11400-12750-55-60

Ku-Band, 11.4~12.75GHz, 55dB, 60K

Features:

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

Applications:

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

Electrical

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|--|----------------------|
| Frequency: | 11.4~12.75GHz |
| Gain: | 55dB |
| Gain Flatness: | ±0.75dBp-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: | 60K |
| 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 |

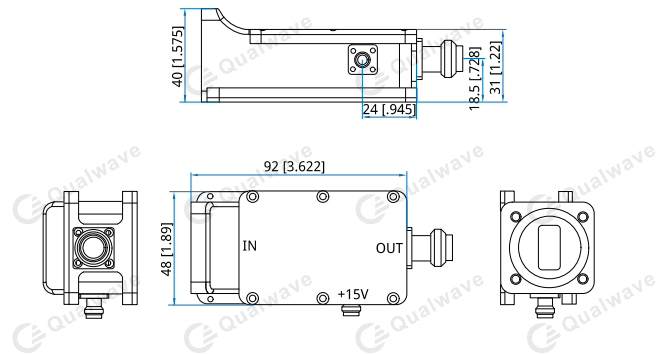
Mechanical

| | |
|-------------------------|----------------------------------|
| Size*1: | 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 |
| Weight: | 400g |

[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-11400-12750-55-60-X

Y: Output connector type

Connector naming rules:

S - SMA female

N - N female

Examples:

To order a Satcom Low Noise Amplifier, 11.4~12.75GHz, 55dB, 60K, SMA female, specify QSLA-11400-12750-55-60-S.

Customization is available upon request.