

QSLA-950-2150-30-50

L-Band, 0.95~2.15GHz, 30dB, 50K

Features:

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

Applications:

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

Electrical

Frequency:	0.95~2.15GHz
Gain:	30dB
Gain Flatness:	±0.8dBp-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:	50K
Output Power (P1dB):	10dBm min.
Non Damaging Input Power:	0dBm max.
Input/Output VSWR:	1.5/1.5
Spurious:	-60dBc max.
Voltage:	+15V DC (12~18V DC)
Current:	80mA typ.
Impedance:	50Ω

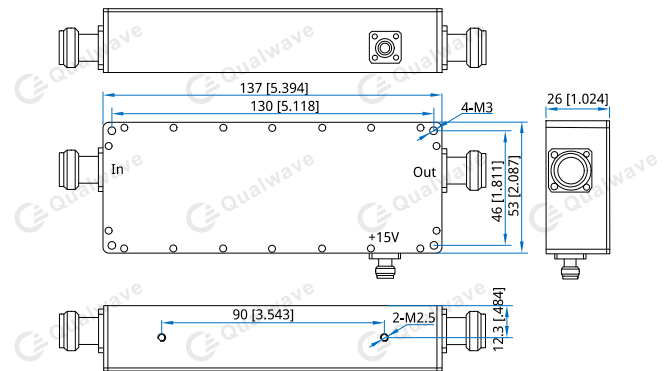
Mechanical

Size*1:	137*53*26mm 5.394*2.087*1.024in
Input Connectors:	SMA, N
Output Connectors:	SMA Female or N Female
Power Supply Interface:	SMA Female
Weight:	470g max.

[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-950-2150-30-50-X-Y

X: Input connector type

Y: Output connector type

Connector naming rules:

S - SMA female

N - N female

SM - SMA male

NM - N male

Examples:

To order a Satcom Low Noise Amplifier, 0.95~2.15GHz, 30dB, 50K, SMA female, SMA female, specify QSLA-950-2150-30-50-S-S.

Customization is available upon request.