

## QSLA-2200-2700-30-50

### S-Band, 2.2~2.7GHz, 30dB, 50K

#### Features:

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

#### Applications:

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

#### Electrical

Frequency:	2.2~2.7GHz
Gain:	30dB
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:	50K
Output Power (P1dB):	10dBm min.
Non Damaging Input Power:	0dBm max.
Input/Output VSWR:	2.0/1.5
Spurious:	-60dBc max.
Voltage:	+15V DC (12~18V DC)
Current:	80mA typ.
Impedance:	50Ω

#### Mechanical

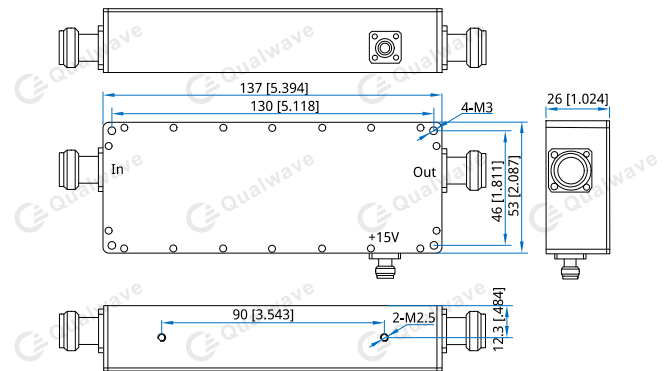
Size*1:	137*53*26mm 5.394*2.087*1.024in
Input Connectors:	SMA, N
Output Connectors:	SMA Female or N Female
Power Supply Interface:	SMA Female
Weight:	470g max.

[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-2200-2700-30-50-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, 2.2~2.7GHz, 30dB, 50K, SMA female, SMA female, specify QSLA-2200-2700-30-50-S-S.

Customization is available upon request.