

QLA-600-4200-55-11

600~4200MHz, 55dB, 1.1dB

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test



Electrical

Frequency:	600~4200MHz
Gain:	55dB typ.
Gain Flatness:	±7.5dB typ.
Noise Figure:	1.1dB typ.
Output Power (P1dB):	21dBm typ.
Input VSWR:	2.0 typ.
Output VSWR:	2.0 typ.
Voltage:	+5V DC
Impedance:	50Ω

Absolute Maximum Ratings

RF Input Power:	-20dBm
Voltage:	+7V

Mechanical

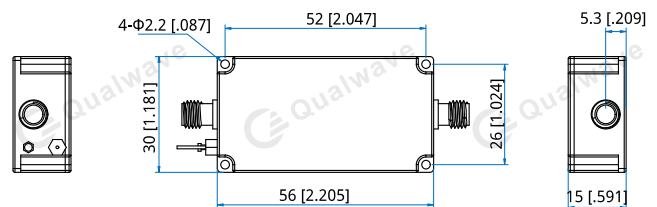
Size*1:	56*30*15mm 2.205*1.181*0.591in
RF Connectors:	SMA female
Power Supply Connectors:	SMA female

[1] Exclude connectors.

Environmental

Operating Temperature:	-40~+85°C
Non-operating Temperature:	-55~+150°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

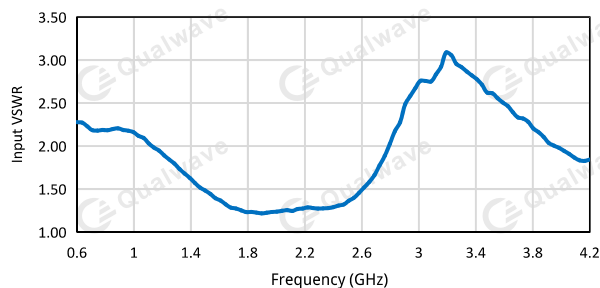
How To Order

QLA-600-4200-55-11

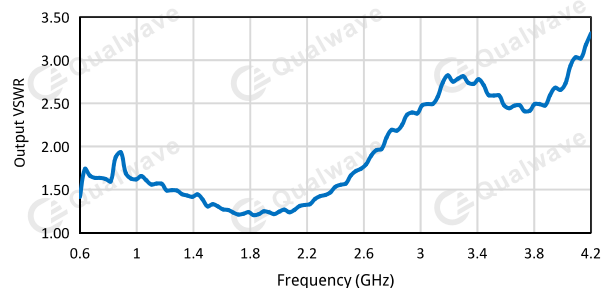
Customization is available upon request.

Typical Performance Curves

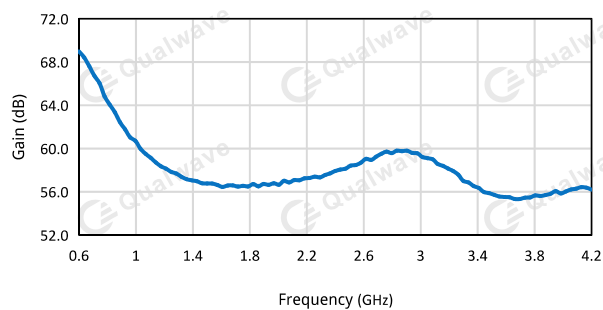
Input VSWR vs. Frequency



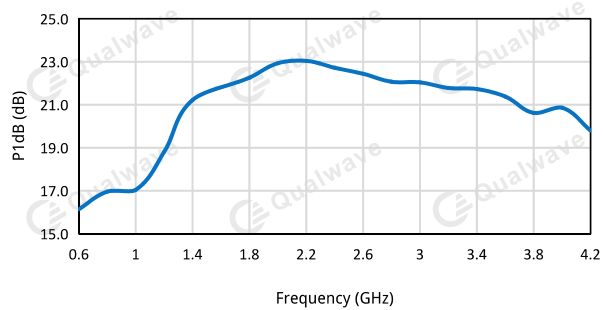
Output VSWR vs. Frequency



Gain vs. Frequency



P1dB vs. Frequency



Noise Figure vs. Frequency

