

QLA-2-1200-30-10

2~1200MHz, 30dB, 1.0dB

Features:
 * Broad Band
 * Low Noise

Applications:
 * Wireless
 * Receiver
 * Laboratory Test
 * Radar



Electrical

Frequency:	2~1200MHz
Gain:	30dB min.
Gain Flatness:	±1.5dB typ.
Noise Figure:	1.0dB typ.
Output Power (P1dB):	15dBm typ.
VSWR:	2 typ.
Voltage:	+5V
Current:	100mA typ.
Impedance:	50Ω

Absolute Maximum Ratings*1

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

[1] Permanent damage may occur if any of these limits are exceeded.

Mechanical

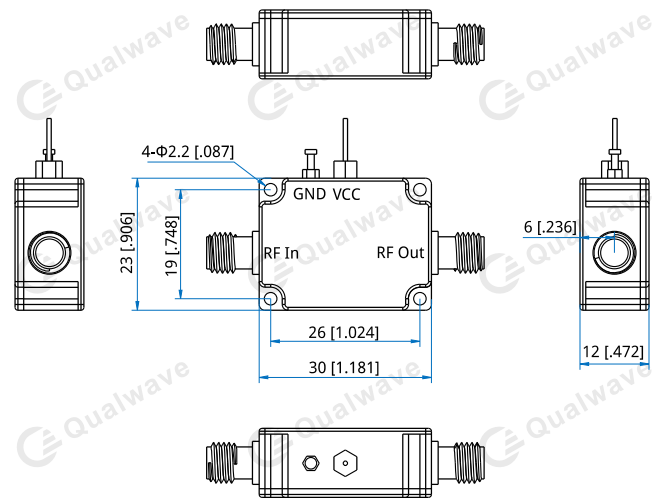
Size*2:	30*23*12mm 1.181*0.906*0.472in
RF Connectors:	SMA female
Power Supply Connectors:	Feed Through/Terminal Post
Mounting:	4-Φ2.2mm through-hole

[2] Exclude connectors.

Environmental

Operating Temperature:	-45~+85°C
Non-operating Temperature:	-55~+125°C

Outline Drawings



Unit: mm [in]
 Tolerance: ±0.2mm [±0.008in]

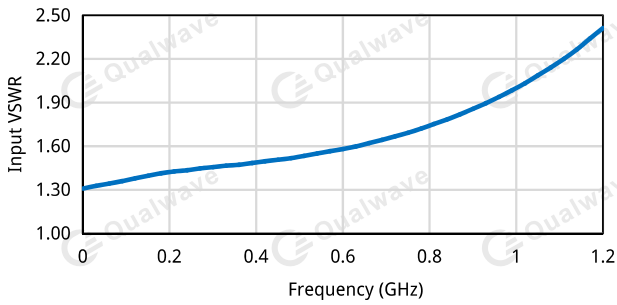
How To Order

QLA-2-1200-30-10

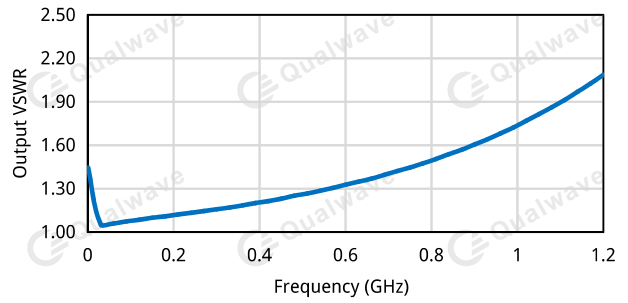
Customization is available upon request.

Typical Performance Curves

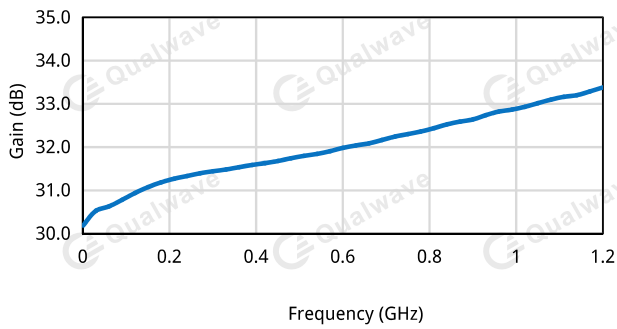
Input VSWR vs. Frequency



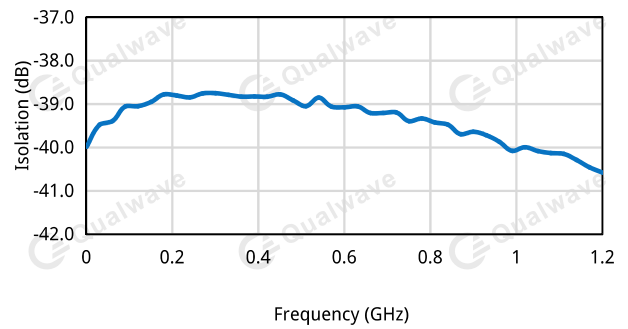
Output VSWR vs. Frequency



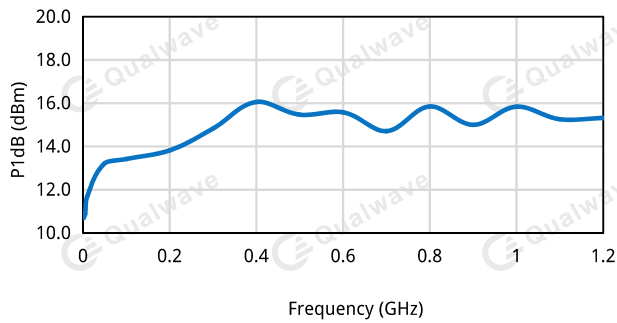
Gain vs. Frequency



Isolation vs. Frequency



P1dB vs. Frequency



Noise Figure vs. Frequency

