

QDLVA-3-6000-50-81

3MHz~6GHz, 50dB, 81mV/dB

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test



Electrical

Frequency:	3MHz~6GHz
Dynamic Range:	50dB typ.
TSS:	-55dBm typ.
Log Slope:	81mV/dB typ.
Log Linearity:	±3dB typ.
VSWR:	2 typ.
Rise Time*1:	10ns typ.
Recovery Time*2:	15ns typ.
Video Output Range:	6.5~11.5V DC
Power Supply Voltage:	+12V DC
Current:	20mA typ.
Video Load:	50Ω

[1] From 10% to 90% @ 0 dBm.

[2] From 90% to 10% @ 0 dBm.

Absolute Maximum Ratings*3

Input Power:	+15dBm
Power Supply Voltage:	+30V

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

Mechanical

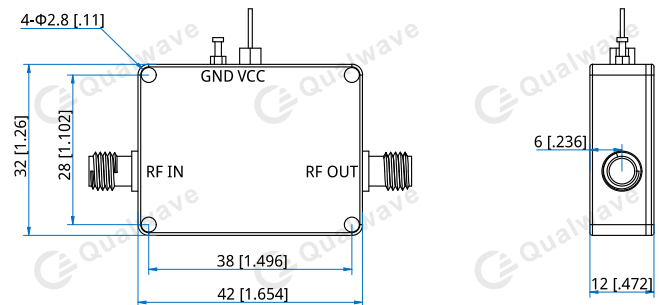
Size*4:	42*32*12mm 1.654*1.26*0.472in
RF Connectors:	SMA Female
Mounting:	4-Φ2.8mm through-hole

[4] Exclude connectors.

Environmental

Operating Temperature:	-40~+85°C
Non-operating Temperature:	-55~+125°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.08in]

How To Order

QDLVA-3-6000-50-80

Customization is available upon request.

Typical Performance Curves

