

QPA-5-500-33-36S

5~500MHz, 33dB, 36dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test



Electrical

Frequency:	5~500MHz
Gain:	33dB min.
Gain Flatness:	±1.5dB typ.
Input VSWR:	1.5 typ.
Output Power (Psat):	36dBm typ.
Spurious:	-92dBc max.
Reverse Isolation:	-60dB typ.
Voltage:	+24V DC
Current:	1.5A typ.
Impedance:	50Ω

Absolute Maximum Ratings*1

RF Input Power:	+10dBm
Voltage:	+35V

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

Mechanical

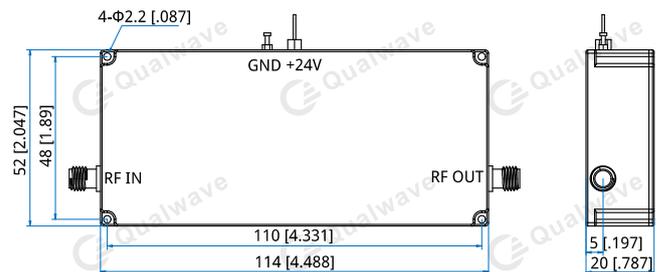
Size*2:	114*52*20mm
	4.488*2.047*0.787in
RF Connectors:	SMA Female
Mounting:	4-Φ2.2mm through-hole
Power Supply Interface:	Feed through

[2] Exclude connectors.

Environmental

Operating Temperature:	-25~+55°C
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Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

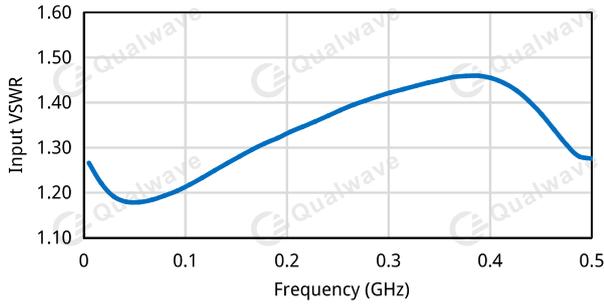
How To Order

QPA-5-500-33-36S

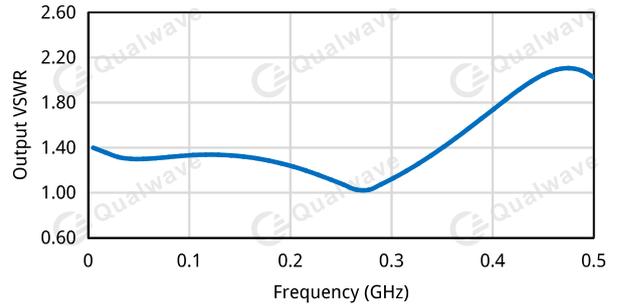
Customization is available upon request.

Typical Performance Curves

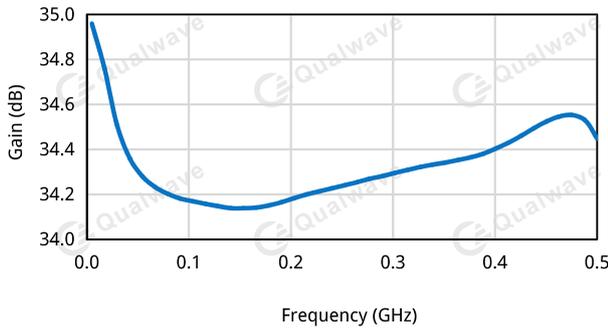
Input VSWR vs. Frequency



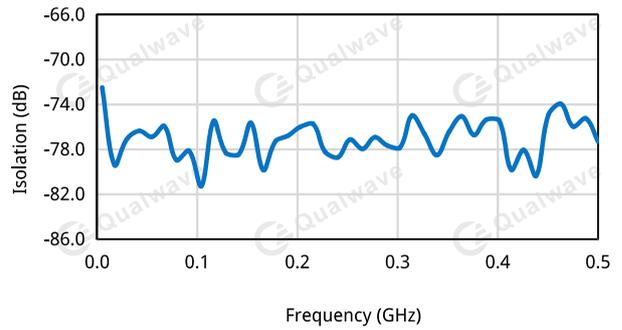
Output VSWR vs. Frequency



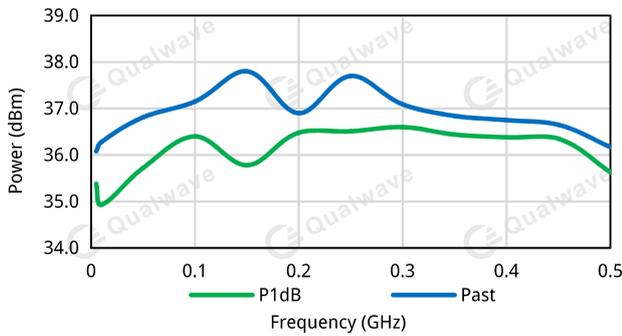
Gain vs. Frequency



Isolation vs. Frequency



Power vs. Frequency



Noise Figure vs. Frequency

