

QLPA0350

DC~3GHz, 50W

Features:
 * Low VSWR
 * Low PIM

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency: DC~3GHz
 Attenuation: 10, 20, 30, 40dB
 Impedance: 50Ω
 IM3: -120dBc@2*43dBm
 Average Power*1: 50W@25°C
 Peak Power: 10KW (5μs pulse width, 0.5% duty cycle)

[1]Derated linearly to 5W@125°C.

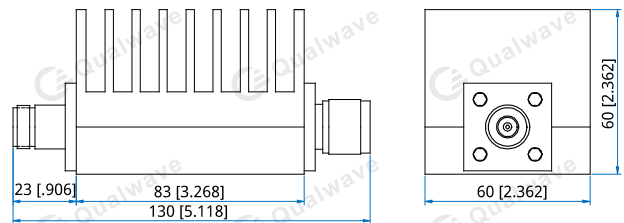
Mechanical

Size: 130*60*60mm
 5.118*2.362*2.362in
 RF Connectors: N male, N female

Environmental

Temperature: -55~+125°C

Outline Drawings



Unit: mm [in]
 Tolerance: ±5%

Attenuation Accuracy and VSWR

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)				VSWR (max.)
	10	20	30	40	
DC~3	±0.5	±0.5	±0.6	±0.6	1.3

How To Order

QLPA0350-W-X-Y-Z

W: Frequency in GHz
 X: Attenuation in dB
 Y: Connector type
 Z: IM3

Connector naming rules:

N - N male to N female

IM3 naming rules:

120 - 120dBc

Examples:

To order an termination, DC~3GHz, 10dB, N male to N female, -120dBc, specify QLPA0350-3-10-N-120.

Customization is available upon request