

QLPA0305

DC~3GHz, 5W

Features:
 * Low VSWR
 * Low PIM

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency: DC~3GHz
 Attenuation: 3, 6, 10, 20, 30dB
 Impedance: 50Ω
 IM3: -120dBc@2*33dBm
 Average Power*1: 5W@25°C
 Peak Power: 1KW (5μs pulse width, 0.5% duty cycle)

[1]Derated linearly to 0.5W@125°C.

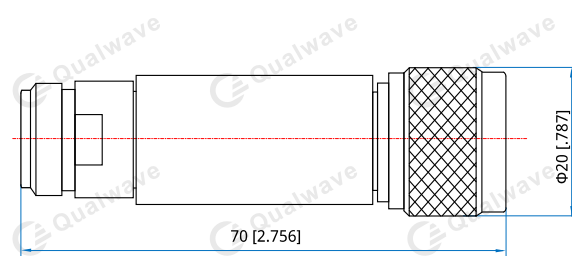
Mechanical

Size: Φ20*70mm
 Φ0.787*2.756in
 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.)
	3	6	10	20	30	
DC~3	±0.4	±0.4	±0.5	±0.5	±0.6	1.2

How To Order

QLPA0305-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, 3dB, N male to N female, -120dBc, specify QLPA0305-3-3-N-120.

Customization is available upon request