

QLPA0302

DC~3GHz, 2W

Features:
 * Low VSWR
 * Low PIM

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency: DC~3GHz
 Attenuation: 3, 6, 10, 20, 30dB
 Attenuation Accuracy: ± 0.6 dB max.
 Impedance: 50 Ω
 IM3: -120dBc@2*33dBm
 Average Power*¹: 2W@25°C
 Peak Power: 1KW (5 μ s pulse width, 0.2% duty cycle)

[1]Derated linearly to 0.5W@125°C.

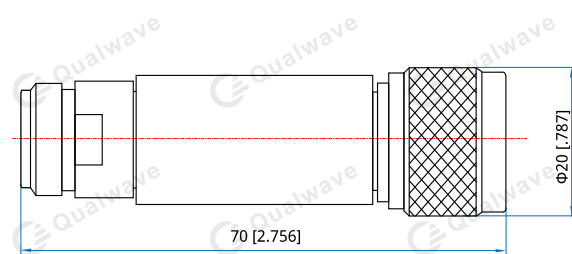
Mechanical

Size: $\Phi 20$ *70mm
 $\Phi 0.787$ *2.756in
 RF Connectors: N male, N female

Environmental

Temperature: -55~+125°C

Outline Drawings



Unit: mm [in]
 Tolerance: $\pm 5\%$

Attenuation Accuracy and VSWR

Frequency (GHz)	Attenuation Accuracy (\pm 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

QLPA0302-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 QLPA0302-3-3-N-120.

Customization is available upon request