

# QLPA0310

## DC~3GHz, 10W

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: 10W@25°C  
 Peak Power: 1KW (5 μs pulse width, 1% load cycle)

[1]Derated linearly to 1W@125°C.

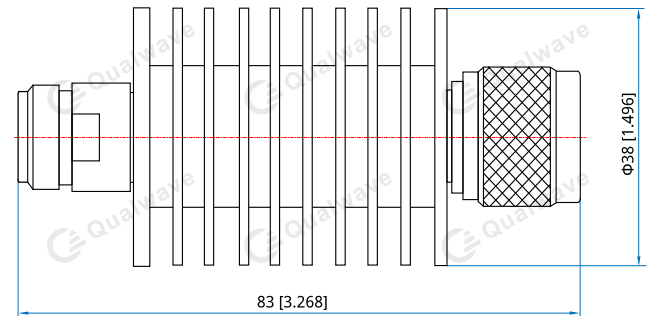
### Mechanical

Size: Φ38\*83mm  
 Φ1.496\*3.268in  
 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	±0.6	±0.6	1.2

### How To Order

**QLPA0310-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 QLPA0310-3-3-N-120.

Customization is available upon request