

# QLPA03K1

## DC~3GHz, 100W

Features:  
 \* Low VSWR  
 \* Low PIM

Applications:  
 \* Wireless  
 \* Transmitter  
 \* Laboratory Test  
 \* Radar

### Electrical

Frequency: DC~3GHz  
 Attenuation: 20, 30, 40dB  
 Attenuation Accuracy:  $\pm 0.6$ dB max.  
 VSWR: 1.3 max.  
 Impedance: 50 $\Omega$   
 IM3: -120dBc@2\*43dBm  
 Average Power\*1: 100W@25°C  
 Peak Power: 10KW (5 $\mu$ s pulse width, 1% duty cycle)

[1]Derated linearly to 10W@125°C.

### Mechanical

Size: 230\*80\*60mm  
 9.055\*3.15\*2.362in  
 RF Connectors: N male, N female

### How To Order

#### QLPA03K1-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:

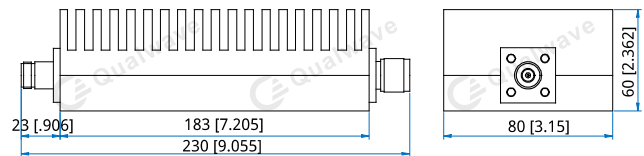
To order an termination, DC~3GHz, 20dB, N male to N female, -120dBc, specify QLPA03K1-3-20-N-120.

Customization is available upon request

### Environmental

Temperature: -55~+125°C

### Outline Drawings



Unit: mm [in]

Tolerance:  $\pm 5\%$