

# FLPA0350

## 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 <sup>*1</sup> :	50W@25°C
Peak Power:	10KW (5μs pulse width, 0.5% duty cycle)

[1]Derated linearly to 5W@125°C.

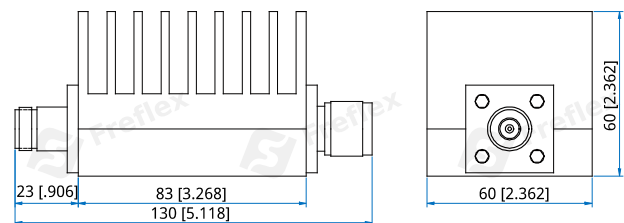
### Mechanical

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

#### FLPA0350-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 FLPA0350-3-10-N-120.

Customization is available upon request