

# FLPA0620

## DC~6GHz, 20W

Features:  
 \* Low VSWR  
 \* Low PIM

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

### Electrical

Frequency: DC~6GHz  
 IM3: -90dBc@2\*43dBm max.  
 -90dBc@2\*43dBm, 900MHz max. (Outline C)  
 Average Power\*1: 20W  
 Impedance: 50Ω

[1] Derated linearly to 2W@125°C.

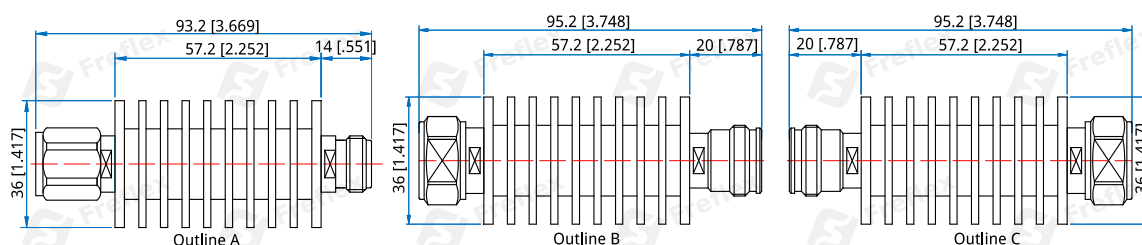
### Mechanical

RF Connectors: N, 4.3-10

### Environmental

Temperature: -55~+125°C

### Outline Drawings



Unit: mm [in]  
 Tolerance: ±5%

### Attenuation Accuracy and VSWR (N)

| Frequency (GHz) | Attenuation Accuracy (±dB) vs. Attenuation (dB) |       |            |        | VSWR (max.) |
|-----------------|---|-------|------------|--------|-------------|
|                 | 1~10  | 11~20 | 25, 30, 40 | 50, 60 |             |
| DC~6            | 0.6   | 0.8   | 1          | 1.2    | 1.25        |

### Attenuation Accuracy and VSWR (4.3-10)

| Frequency (GHz) | Attenuation Accuracy (±dB) vs. Attenuation (dB) |       |       |            | VSWR (max.) |
|-----------------|---|-------|-------|------------|-------------|
|                 | 1~10  | 11~20 | 21~30 | 40, 50, 60 |             |
| DC~6            | 0.7   | 0.8   | 1     | 1.2        | 1.3         |

### How To Order

**FLPA0620-W-X-Y-Z**

W: Frequency in GHz

X: Attenuation in dB

Y: Connector type

Z: IM3

IM3 naming rules:

90 - 90dBc

Connector naming rules:

N - N male to N female (Outline A)

4 - 4.3-10 male to 4.3-10 female (Outline B)

4F4 - 4.3-10 female to 4.3-10 male (Outline C)

Examples:

To order an termination, DC~6GHz, 10dB, N male to N female, -90dBc, specify FLPA0620-6-10-N-90.

Customization is available upon request.