

# FLPA1102

## DC~11GHz, 2W

Features:  
\* Low VSWR  
\* Low PIM

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

### Electrical

Frequency: DC~11GHz  
IM3: -100dBc@2\*33dBm max.  
Average Power<sup>\*1</sup>: 2W  
Impedance: 50Ω

[1] Derated linearly to 0.2W@125°C.

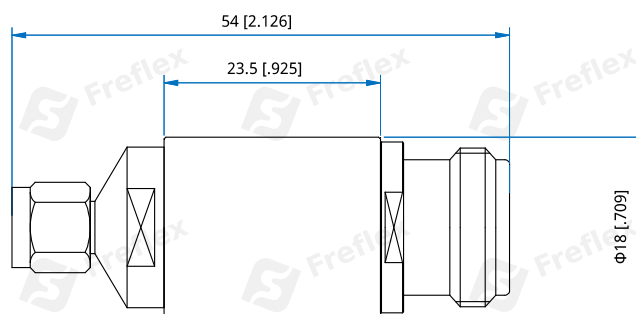
### Mechanical

Size: Φ18\*54mm  
Φ0.709\*2.126in  
RF Connectors: SMA male, N female

### Environmental

Temperature: -55~+125°C

### Outline Drawings



Unit: mm [in]  
Tolerance: ±3%

### Attenuation Accuracy and VSWR (N)

| Frequency (GHz) | Attenuation Accuracy (±dB) vs. Attenuation (dB) |       |       | VSWR (max.) |
|-----------------|---|-------|-------|-------------|
|                 | 1~10  | 11~20 | 21~30 |             |
| DC~11           | 0.6   | 0.8   | 1     | 1.25        |

### How To Order

**FLPA1102-W-X-Y-Z**

W: Frequency in GHz

X: Attenuation in dB

Y: Connector type

Z: IM3

Connector naming rules:

SNF - SMA male to N female

IM3 naming rules:

100 - 100dBc

Examples:

To order an termination, DC~11GHz, 10dB, SMA male to N female, -100dBc, specify FLPA1102-11-10-SNF-100.

Customization is available upon request.