

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 ^{*1} : | 2W |
| Impedance: | 50Ω |

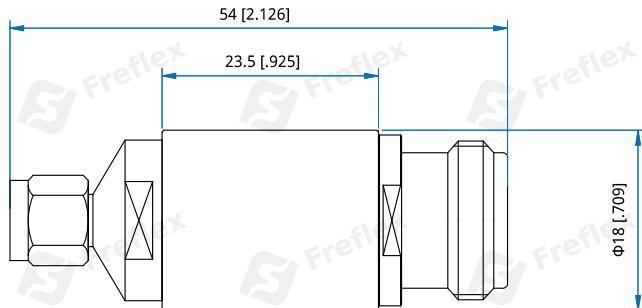
[1] Derated linearly to 0.2W@125°C.

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.