

FCFA2702

DC~27GHz, 2W

Features:

- * Low VSWR
- * High Attenuation Flatness

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test
- * Radar

Electrical

Frequency:	DC~27GHz
Attenuation:	1~10, 20, 30dB
VSWR:	1.25 max.
Impedance:	50Ω
Average Power ^{*1} :	2W@25°C max.
Peak Power:	20W (5μS pulse width, 0.5% duty cycle)

[1] Derated linearly to 0.5W@125°C.

Attenuation Accuracy and VSWR

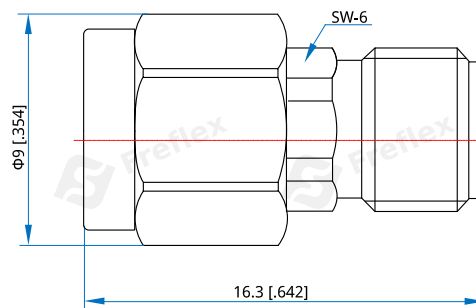
Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)		
	1~10	20	30
DC~27	-0.6/+0.8	-0.6/+0.8	-0.6/+0.8

Mechanical

Size:	Φ9*16.3mm Φ0.354*0.642in
Weight:	3g
RF Connectors:	SMA
Outer Conductor:	Non-magnetic material
Dielectric:	PTFE
Inner Conductor(Female):	Gold plated beryllium copper
Inner Conductor(Male):	Gold plated Brass

Environmental

Operating Temperature:	-269~+125°C
Non-operating Temperature:	-55~+125°C

Outline Drawings


Unit: mm [in]

Tolerance: ±2%

How To Order

FCFA2702-27-X-N

X: Attenuation in dB

Examples:

To order an attenuator, DC~27GHz, N male to N female, 3dB attenuation, specify FCFA2702-27-3-N.