

NFA26K1

DC~26.5GHz, 100W

Features:

- * Low VSWR
- * High Attenuation Flatness

Applications:

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

Electrical

Frequency:	DC~26.5GHz
Attenuation:	3~50dB
Impedance:	50Ω
Average Power*1:	100W@25°C max.
Peak Power:	0.5KW (5μS pulse width, 2.5% duty cycle)

[1] Derated linearly to 5W@125°C.

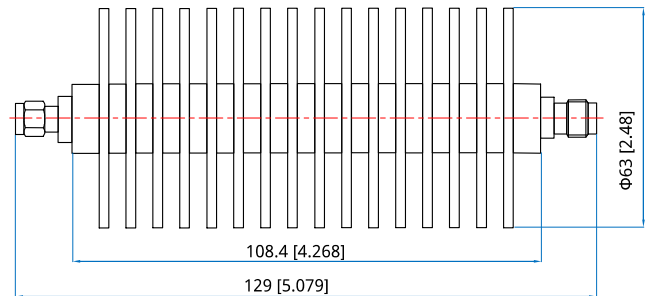
Mechanical

Weight:	390g
Connectors:	3.5mm, SMA
Housing:	Aluminum
Outer Conductor:	Gold plated brass
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated beryllium copper

Environmental

Temperature:	-55~+85°C
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Outline Drawings



Unit: mm [in]

Tolerance: ±2mm [±0.08in]

Attenuation Accuracy and VSWR

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)					VSWR (max.)
	3	6	10	20	30~50	
DC~18	±1.0	±1.0	±1.0	-1.0/+1.5	±1.0	1.30
DC~26.5	-1.0/+1.5	-1.0/+2.5	-1.0/+3.5	-1.0/+3.0	-1.0/+1.5	1.40

How To Order

NFA26K1-X-Y-Z

X: Frequency in GHz

Y: Attenuation in dB

Z: Connector type

Connector naming rules:

3 - 3.5mm

S - SMA

Examples:

To order an attenuator, DC-26.5GHz, SMA male to SMA female, 30dB attenuation, specify NFA26K1-26.5-30-S.