

NFA2630

DC~26.5GHz, 30W

- | | |
|-----------------------------|-------------------|
| Features: | Applications: |
| * Low VSWR | * Wireless |
| * High Attenuation Flatness | * Transmitter |
| | * Laboratory Test |
| | * Radar |

Electrical

Frequency:	DC~26.5GHz
Attenuation:	1~10, 20, 30, 40, 50, 60dB
Impedance:	50Ω
Average Power ^{*1, 2} :	30W@25°C max.
Peak Power:	200W (5μS pulse width, 10% duty cycle)

[1] Derated linearly to 3W@125°C. (20, 30, 40dB)
 [2] Derated linearly to 3W@115°C. (1~10, 50, 60dB)

Mechanical

RF Connectors:	SMA
Housing ^{*3} :	Aluminum
Dielectric:	PEI
Outer Conductor:	Passivated stainless steel
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated beryllium copper

[3] The above materials are only 20, 30, 40dB

Environmental

Temperature: -55~+125°C

How To Order

NFA2630-X-Y-Z

X: Frequency in GHz
 Y: Attenuation in dB
 20, 30, 40dB - Outline A
 1~10, 50, 60dB - Outline B
 Z: Connector type

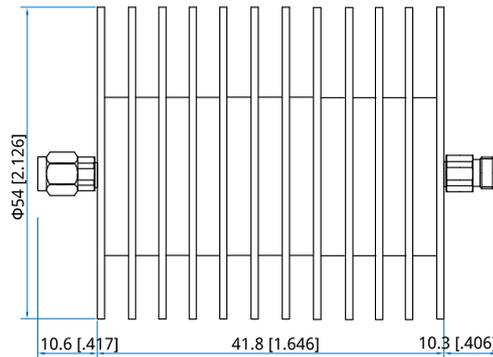
Connector naming rules:
 S - SMA

Examples:
 To order an attenuator, DC~26.5GHz, SMA male to SMA female, 20dB attenuation, specify NFA2630-26.5-20-S.

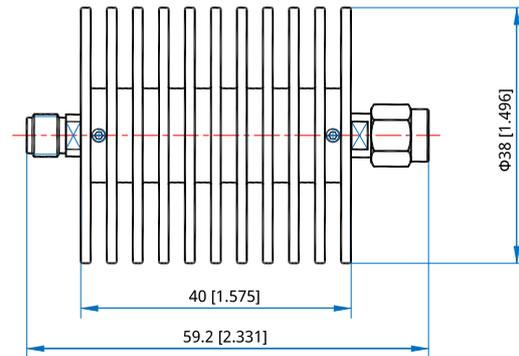
Attenuation Accuracy and VSWR

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)							VSWR (max.)
	1-5	6-10	20	30	40	50	60	
DC~26.5	+2.4	+1.2	-	-	-	+1.4	+1.5	1.35
DC~26.5	-	-	-1.5/+1.5	-1.5/+1.5	-1.5/+1.5	-	-	1.3

Outline Drawings



Outline A



Outline B

Unit: mm [in]
 Tolerance: ±2mm [±0.08in]