

NFA11001
DC~110GHz, 1W

Features:
* Low VSWR
* High Attenuation Flatness

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency: DC~110GHz
Attenuation: 3dB, 6dB, 10dB
Impedance: 50Ω
Average Power*1: 1W@25°C max.
Peak Power: 5W (5μS pulse width, 10% duty cycle)

[1] Derated linearly to 0.1W@125°C.

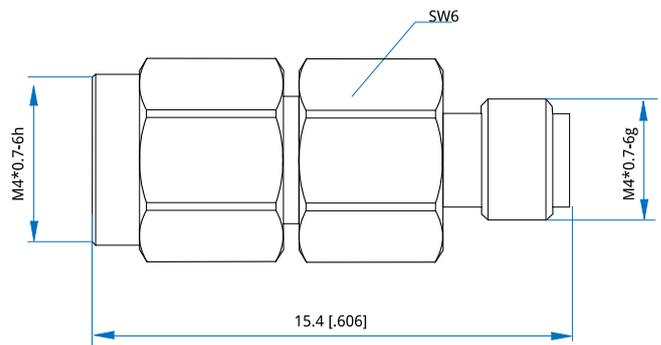
Mechanical

RF Connectors: 1.0mm
Dielectric: PEI
Outer Conductor: Passivated stainless steel
Male Inner Conductor: Gold plated brass
Female Inner Conductor: Gold plated beryllium copper

Environmental

Temperature: -55~+125°C

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	
DC~110	-1.0/+2.0	-1.0/+2.0	-1.0/+2.0	1.6

How To Order

NFA11001-X-Y-Z

X: Frequency in GHz

Y: Attenuation in dB

Z: Connector type

Connector naming rules:

1 - 1.0mm

Examples:

To order an attenuator, DC~110GHz, 1.0mm male to 1.0mm female, 10dB attenuation, specify NFA11001-110-10-1