N7A0101

DC~1GHz, 1W

Features:
* Low VSWR
* High Attenuation Flatness

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	DC~1GHz
Attenuation:	1, 2, 4, 8, 10, 16, 20dB
VSWR:	1.10 max.
Impedance:	75Ω
Average Power[*1]:	1W@25℃
Peak Power[*2]:	0.5KW

[1] Derated linearly to 0.2W@125°C

[2] Pulse width: 5us, duty cycle: 0.2%.

Attenuation Accuracy

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)			
	1/2/4/8	10	16	20
DC~1	±0.4	±0.5	±0.5	±1.0

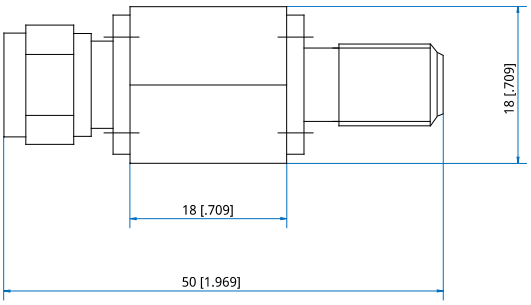
Mechanical

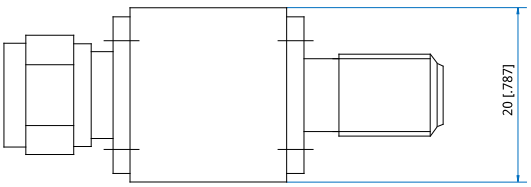
RF Connectors:	F
Housing:	Aluminum
Outer Conductor:	Nickel plated brass
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated brass

Environmental

Temperature:	-55~+125℃

Outline Drawings





Outline A

Unit: mm [in]
Tolerance: ±5%

How To Order

N7A0101-X-Y-Z

X: Frequency in GHz
Y: Attenuation in dB
Z: Connector type

Connector naming rules:
F - F

Examples:
To order an attenuator, DC~1GHz, 10dB, F male to F female, specify N7A0101-1-10-F.

N7A0101-1

0.1~1GHz, 1W

Features:
* Low VSWR
* High Attenuation Flatness

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	0.1~1GHz
Attenuation:	10, 20, 30, 40dB
VSWR:	1.15 max.
Impedance:	75Ω
Average Power[*1]:	1W@25℃
Peak Power[*2]:	0.5KW

[1] Derated linearly to 0.2W@125°C

[2] Pulse width: 5us, duty cycle: 0.2%.

Attenuation Accuracy

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)			
	10	20	30	40
0.1~1	±0.5	±1.0	±0.5	-2.0

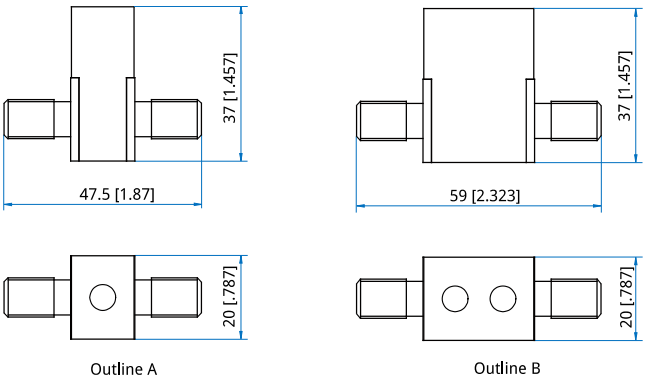
Mechanical

RF Connectors:	F, N, SMA
Housing:	Aluminum
Outer Conductor:	Nickel plated brass
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated beryllium copper

Environmental

Temperature:	-55~+125℃

Outline Drawings



Unit: mm [in]
Tolerance: ±5%

How To Order

N7A0101-X-Y-Z-W

X: Frequency in GHz
Y: Attenuation in dB
Z: Connector type
W: Size type if applicable

Connector naming rules:
FF - F female(Outline A, B)
N - N

Size type naming rules:
A - Type A (Outline A)
B - Type B (Outline B)

Examples:
To order an attenuator, 0.1~1GHz, 10dB, F Female to F Female, type A, specify N7A0101-1-10-FFFF-A.

N7A0302

DC~3GHz, 2W

Features:
* Low VSWR
* High Attenuation Flatness

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	DC~3GHz
Attenuation:	10, 20, 30dB
VSWR:	1.15 max.@DC-1GHz
	1.25 max.@DC-3GHz
Impedance:	75Ω
Average Power[*1]:	2W@25°C
Peak Power[*2]:	0.5KW

[1] Derated linearly to 0.5W@125°C

[2] Pulse width: 5us, duty cycle: 0.5%.

Attenuation Accuracy

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)		
	10	20	30
DC~1	±0.4	±0.4	±0.4
DC-3	±0.4	±0.5	±0.6

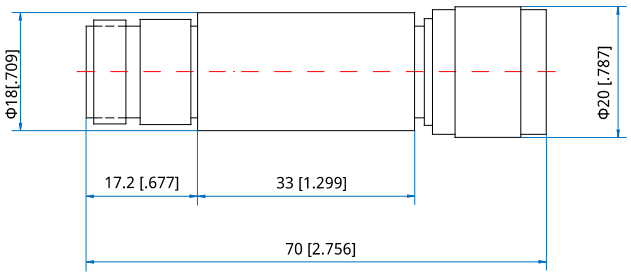
Mechanical

RF Connectors:	F , N , BNC
Housing:	Aluminum
Outer Conductor:	Nickel plated brass
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated beryllium copper

Environmental

Temperature:	-55~+125°C

Outline Drawings



Outline A

Unit: mm [in]
Tolerance: ±5%

How To Order

N7A0302-X-Y-Z

X: Frequency in GHz
Y: Attenuation in dB
Z: Connector type

Connector naming rules:
F - F
N - N (Outline A)
B - BNC

Examples:
To order an attenuator, DC~3GHz, 10dB, N Male to N Female, specify N7A0302-3-10-N.

NA0305

DC~3GHz, 5W

Features:
* Low VSWR
* High Attenuation Flatness

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	DC~3GHz
Attenuation:	10, 20 ,30dB
VSWR:	1.15 max.@DC-1GHz
	1.25 max.@DC-3GHz
Impedance:	75Ω
Average Power[*1]:	5W@25℃
Peak Power[*2]:	1KW

[1] Derated linearly to 0.5W@125°C

[2] Pulse width: 5us, duty cycle: 0.5%.

Attenuation Accuracy

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)		
	10	20	30
DC~1	±0.4	±0.4	±0.4
DC-3	±0.4	±0.5	±0.6

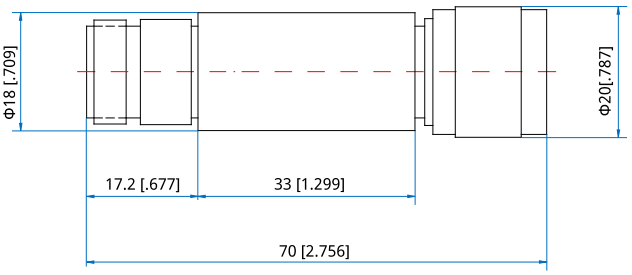
Mechanical

RF Connectors:	F , N , BNC
Housing:	Aluminum
Outer Conductor:	Nickel plated brass
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated beryllium copper

Environmental

Temperature:	-55~+125℃

Outline Drawings



Outline A

Unit: mm [in]
Tolerance: ±5%

How To Order

N7A0305-X-Y-Z

X: Frequency in GHz
Y: Attenuation in dB
Z: Connector type

Connector naming rules:
F - F
N - N (Outline A)
B - BNC

Examples:
To order an 75Ω attenuator, DC~3GHz, 10dB, N male to N female, specify N7A0305-3-10-N.