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

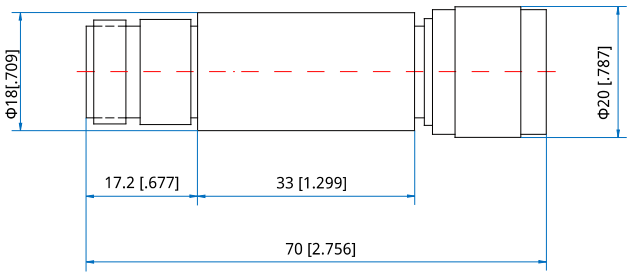
Mechanical

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.