

F7A0305

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°C
Peak Power ⁺² :	1KW

[1] Derated linearly to 0.5W@125°C

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

Attenuation Accuracy

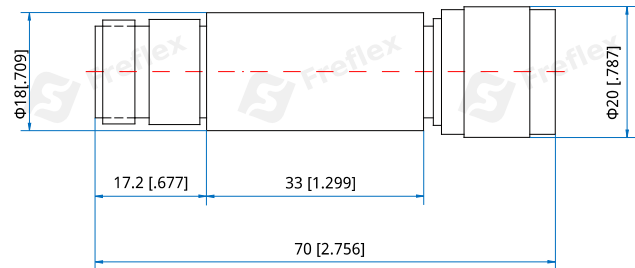
Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)		
	10	20	30
DC~1	±0.4	±0.4	±0.4
DC-3	±0.4	±0.5	±0.6

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°C
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Outline Drawings


Outline A

Unit: mm [in]

Tolerance: ±5%

How To Order

F7A0305-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 F7A0305-3-10-N.