

FIXED TYPE N ATTENUATORS

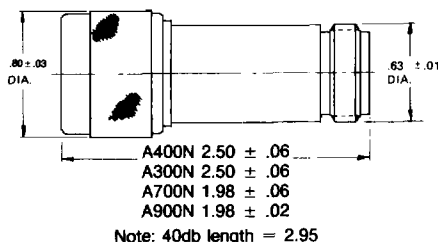
DC-18 GHz 2 Watt

GENERAL INFORMATION:

These Type N attenuators are designed with precision connectors which provide mode-free operation through 18 GHz. The small size and weight are features which make these attenuators perfect for systems application.

All attenuators utilize a laser trimmed, distributed element to provide flat frequency response and minimum temperature variation.

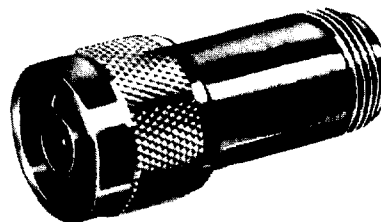
These Type N coaxial attenuators feature excellent attenuation flatness and low VSWR. The A700N Series are a low cost version for applications not requiring frequency response to 18 GHz.



SERIES A400N, A300N A700N, A900N

GENERAL SPECIFICATIONS:

Frequency Range:	DC to 18 GHz
Impedance:	50 ohms
Attenuation Stability:	0.0001 dB/dB/°C
Input Power:	2 watt @ 25°C, derate to 0.5 watts @ 125°C; 200 watts peak -65°C to +125°C
Operating Temperature:	See Chart
Material:	See Chart
Connector:	See Chart
Center Conductor:	Beryllium Copper, Gold Plated per MIL-G-45204
Resistive Element:	Thin Film

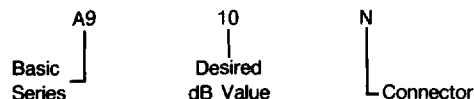


Attenuation dB	A400N DC-2 GHz		A300N DC-5 GHz		A700N DC-12.4 GHz		A900N DC-18 GHz	
	Accuracy (± dB)	Max. VSWR	Accuracy (± dB)	Max. VSWR	Accuracy (± dB)	Max. VSWR	Accuracy (± dB)	Max. VSWR
1	0.3	1.20	0.4	1.25	0.3	1.35	0.3	
2	0.3	1.20	0.5	1.25	0.3	1.35	0.3	
3	0.3	1.20	0.5	1.25	0.3	1.35	0.3	
4	0.4	1.20	0.5	1.25	0.3	1.35	0.3	
5	0.4	1.20	0.5	1.25	0.3	1.35	0.3	
6	0.4	1.20	0.5	1.25	0.3	1.35	0.3	DC-8 1.15
8	0.4	1.20	0.5	1.25	0.3	1.35	0.3	8-12 1.25
10	0.4	1.20	0.6	1.25	0.3	1.35	0.3	12-18 1.35
15	0.4	1.20	0.7	1.25	0.5	1.35	0.5	
20	0.5	1.20	1.0	1.25	0.5	1.35	0.5	
25	0.7	1.20	1.0	1.25	1.0	1.35	1.0	
30	0.8	1.20	1.5	1.25	1.5	1.35	1.5	
40	1.0	1.20	1.5	1.25	Na	Na	Na	
Material Body & Connectors	QQ-S-365 Silver Plated Brass. MIL-C-39012				Passivated Stainless Steel MIL-C-39012			

ORDERING INFORMATION:

These Type N Coaxial Attenuators are available in any increment from 0 through 40 dB. When ordering, to specify the correct part number for the desired attenuation value add the attenuation value desired to the basic series designation.

EXAMPLE:



**KDI/triangle
ELECTRONICS**

31 Farinella Drive • East Hanover, NJ 07936 • Phone: (201) 884-1423
TWX: (710) 986-8202 • FAX: (201) 884-0445