

DC BIAS PASSING ATTENUATOR

50 MHz - 3 GHz, 100 Volts

SPECIFICATIONS:

Models: 9095-N-XX, 9095-SMA-XX, 9095-TNC-XX

RoHS
Compliant

AEROFLEX
A passion for performance.

Electrical: (@ 25°C Ambient)

Frequency Range _____ 50 MHz - 3 GHz
 Standard dB Values* _____ 3, 4, 6, 10 & 20dB
 Attenuation Accuracy _____ ± 2.0 dB **
Impedance _____ 50 Ohms
 DC Resistance *** _____ 0.25 Ohms Max.
 (CC IN TO CC OUT)
 VSWR _____ 1.35:1 Max.
 Voltage Rating _____ 100 Volts Max.
 DC Current _____ 2 Amps. Max.
 (0 - 100 Watts)
 RF Power (Avg) _____ 2 Watts Max.
 (Derated Linearly to 0.7 Watts @ +85°C)
 Operating Temp. Range _____ -55°C to +85°C

**CENTER CONDUCTOR TO CASE DC ISOLATED > 5 MEGAOHMS

Mechanical:

Connectors _____ Passivated Stainless Steel
 Mates with MIL-STD-348
 Conductors _____ Gold Plated Beryllium Copper or Brass

**dB Values ≤ 15 dB are Typically Within ± 1.0 dB

Model Number: **9095-N-XX**
 Type N Connectors

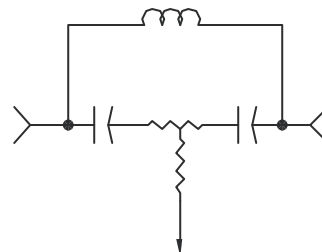
dB Value	Length	Diameter
3, 4, 6 & 10	1.76 $\pm$ 0.05 [44.7 $\pm$ 1.3]	$\varnothing$.62 [15.8]
20	2.28 $\pm$ 0.05 [57.9 $\pm$ 1.3]	$\varnothing$.56 [14.2]

Model Number: **9095-SMA-XX**
 SMA Connectors

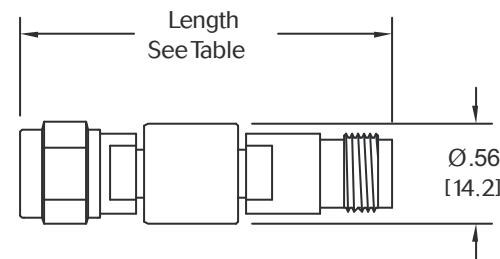
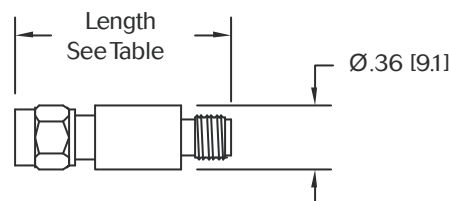
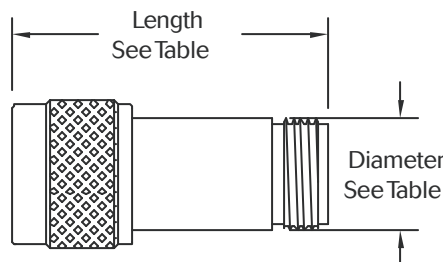
dB Value	Length	
	Inches	Millimeters
3, 4, 6 & 10	1.21 $\pm$ 0.05	[30.7 $\pm$ 1.3]
20	1.57 $\pm$ 0.05	[39.9 $\pm$ 1.3]

Model Number: **9095-TNC-XX**
 TNC Connectors

dB Value	Length	
	Inches	Millimeters
3, 4, 6 & 10	2.07 $\pm$ 0.05	[52.6 $\pm$ 1.3]
20	2.45 $\pm$ 0.05	[62.2 $\pm$ 1.3]



SCHEMATIC DIAGRAM



HOW TO ORDER:

Model Number: **9095-yyy-xx**

Connector Type _____ dB Value
 N = Type N
 SMA = SMA
 TNC = TNC

Ordering Examples:

Model Number: **9095-N-10**
 10 dB; Type N; Male/Fem

Model Number: **9095-TNC-20**
 20 dB; TNC; Male/Fem

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.
 *Other dB values available for special order.

9095: REV D

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