

DC BIAS PASSING ATTENUATORS

50 MHz - 3 GHz

100 Volts



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

SPECIFICATIONS:

Electrical: (@ 25°C Ambient)

Frequency Range _____ 50 MHz - 3 GHz
Standard dB Values* _____ 3, 4, 6, 10, 15, 20 & 25 dB
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 Volts)
RF Power (Avg) _____ 2 Watts Max.
DERATED LINEARLY TO 0.7 WATTS @ +85°C
Operating Temp. Range _____ -55°C to +85°C

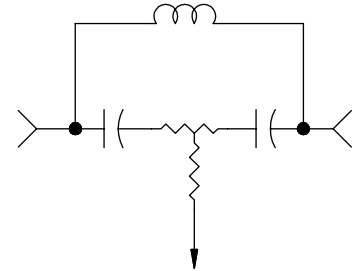
*** CENTER CONDUCTOR TO CASE DC ISOLATED > 10 MEGAOHMS

Mechanical:

Connectors _____ Passivated Stainless Steel

Mates With MIL-STD-348

Conductors _____ Gold Plated Beryllium Copper or Brass

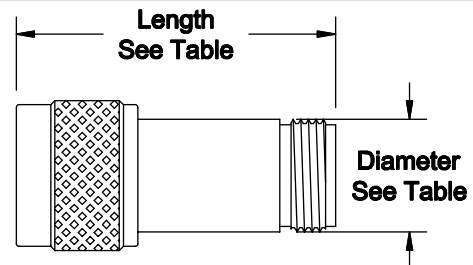


SCHEMATIC DIAGRAM

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

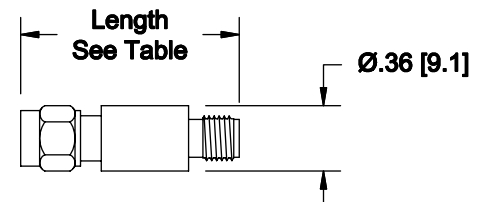
Model Number: 9095-N-XX
Type N Connectors

dB Value	Length	Diameter
4, 6, 10, 15, & 20	1.76 $\pm$.05 [44.7 $\pm$ 1.3]	$\varnothing$.62 [15.8]
25dB	2.28 $\pm$.05 [57.9 $\pm$ 1.3]	$\varnothing$.56 [14.2]



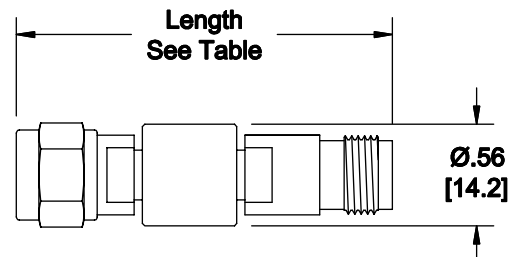
Model Number: 9095-SMA-XX
SMA Connectors

dB Value	Length	
	Inches	Millimeters
4, 6, 10, 15, & 20	1.21 $\pm$.05	[30.7 $\pm$ 1.3]
25dB	1.57 $\pm$.05	[39.9 $\pm$ 1.3]



Model Number: 9095-TNC-XX
TNC Connectors

dB Value	Length	
	Inches	Millimeters
4, 6, 10, 15, & 20	2.07 $\pm$.05	[52.6 $\pm$ 1.3]
25dB	2.45 $\pm$.05	[62.2 $\pm$ 1.3]



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 A