DC BIAS PASSING ATTENUATOR

50 MHz - 3 GHz, 100 Volts

SPECIFICATIONS:

RoHS Compliant

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

Electrical: (@ 25°C Ambient)

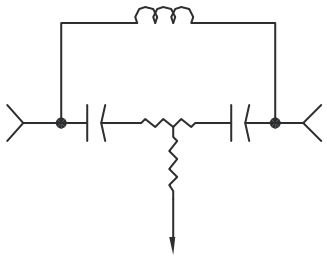
Frequency Range	50 MHz - 3 GHz
Standard dB Values*	3, 4, 6, 10 & 20dB
Attenuation Accuracy	±2.0 dB **
Impedance	50 Ohms
DC Resistance *** (CC IN TO CC OUT)	0.25 Ohms Max.
VSWR	1.35:1 Max.
Voltage Rating	100 Volts Max.
DC Current	2 Amps. Max. (0 - 100 Watts)
RF Power (Avg)	2 Watts Max. Derated Linearly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

**CENTER CONDUCTOR TO CASE DC ISOLATED > 5 MEGAOHMS

Mechanical:

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

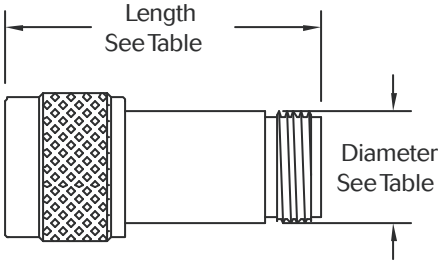
**dB Values ≤ 15 dB are Typically Within ± 1.0dB



SCHEMATIC DIAGRAM

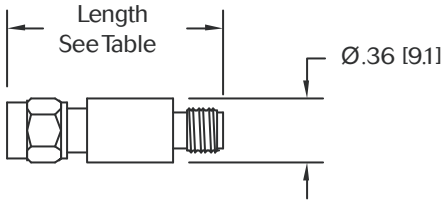
Model Number: 9095-N-XX
Type N Connectors

dB Value	Length	Diameter
3, 4, 6 & 10	1.76 ±.05 [44.7 ±1.3]	Ø.62 [15.8]
20	2.28 ±.05 [57.9 ±1.3]	Ø.56 [14.2]



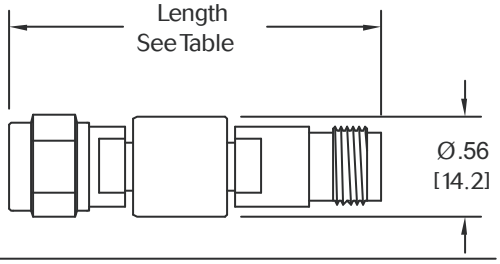
Model Number: 9095-SMA-XX
SMA Connectors

dB Value	Length	
	Inches	Millimeters
3, 4, 6 & 10	1.21 ±.05	[30.7 ±1.3]
20	1.57 ±.05	[39.9 ±1.3]



Model Number: 9095-TNC-XX
TNC Connectors

dB Value	Length	
	Inches	Millimeters
3, 4, 6 & 10	2.07 ±.05	[52.6 ±1.3]
20	2.45 ±.05	[62.2 ±1.3]



HOW TO ORDER:

Model Number: 9095-yyy-XX

- yyy: Connector Type — N = Type N; SMA = SMA; TNC = TNC
- XX: dB Value

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 E

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