

DC BIAS PASSING ATTENUATOR

500 MHz - 2 GHz

100 VOLTS

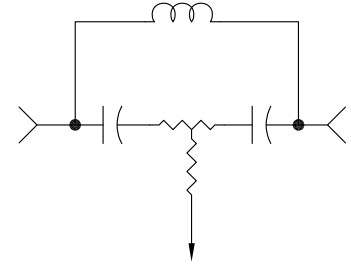


MODELS: 9093-N-XX, 9093-SMA-XX, 9093-TNC-XX

SPECIFICATIONS:

Electrical: (@ 25°C Ambient)

Frequency Range _____ 500 MHz - 2 GHz
 Standard dB Values _____ 4, 6, 8, 10, 15, 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.
 (Max DC Bias Power 100 Watts)
 RF Power (Avg) _____ 2 Watts Max.
 Operating Temp. Range _____ -55°C to +125°C



SCHEMATIC DIAGRAM

*** CENTER CONDUCTOR TO CASE DC ISOLATED > 5 MEGAOHMS

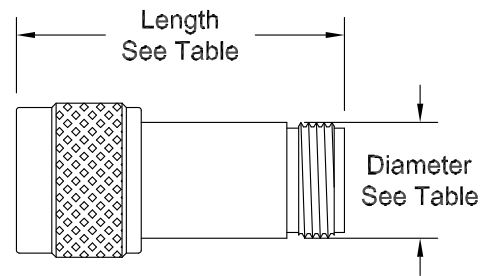
Mechanical:

Connectors _____ Passivated Stainless Steel
 Mates With MIL-STD-348
 Conductors _____ Gold Plated Beryllium Copper

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

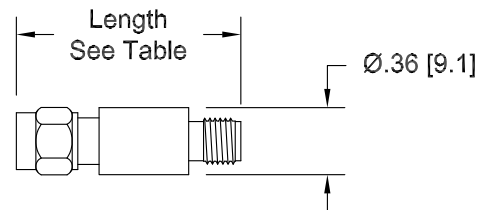
Model Number: **9093-N-XX**
 Type N Connectors

dB Value	Length	Diameter
4, 6, 8, 10, 15	1.76 ±.05 [44.7 ±1.3]	∅.62 [15.8]
20dB	2.28 ±.05 [57.9 ±1.3]	∅.56 [14.2]



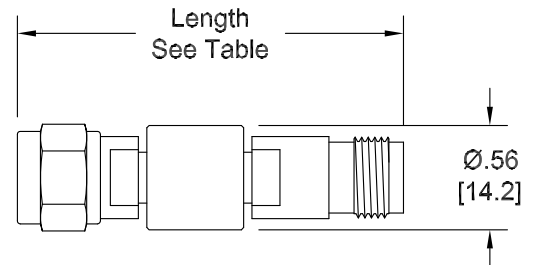
Model Number: **9093-SMA-XX**
 SMA Connectors

dB Value	Length	
	Inches	Millimeters
4, 6, 8, 10, 15	1.21 ±.05	[30.7 ±1.3]
20dB	1.57 ±.05	[39.9 ±1.3]



Model Number: **9093-TNC-XX**
 TNC Connectors

dB Value	Length	
	Inches	Millimeters
4, 6, 8, 10, 15	2.07 ±.05	[52.6 ±1.3]
20dB	2.45 ±.05	[62.2 ±1.3]



HOW TO ORDER:

Model Number: **9093-YYY-XX**
 Connector Type dB Value
 N = Type N
 SMA = SMA
 TNC = TNC

Ordering Examples:

Model Number: **9093-N-10**
 10 dB; Type N; Male/Fem
 Model Number: **9093-TNC-20**
 20 dB; TNC; Male/Fem

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.
 Design specifications are subject to change without notice.
 Contact factory for technical specifications before purchasing or use.