Connector Specification

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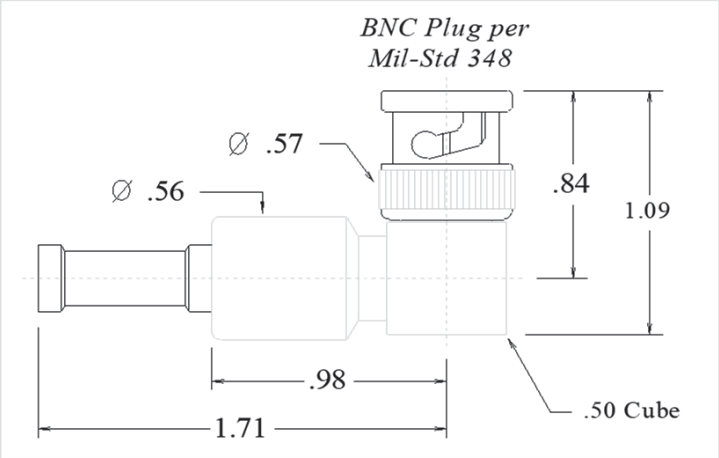
Distribution : **User**	**Uncontrolled Document**

Part Number: 190113

BNC 90° Plug

for S44191, S44193, S46191 or RG400, RG142



Features Not Shown : Safety Wire Holes, Gasket in Front

PERFORMANCE

Nominal Impedance	50 Ohms
Frequency Range	0 - 4 GHz
Voltage Rating	500 VRMS
Insulation Resistance	5000 Megohms

CONNECTOR WEIGHT (Each)

1.48 ounces (41.96 grams)

RoHS COMPLIANT

Complies to RoHS Standards

INSTALLATION

Pic Die Set	***MIL Spec Die Set***
Center Contact	*Center Contact*
M22520 / 5 - 01 Tool, PIC 190118 Hex Crimp Die (.098 hex)	M22520 / 5-01 Tool, MIL Spec *M22520 / 5-57 (.100 B hex)
Crimp Ferrule	*Crimp Ferrule*
M22520 / 5 - 01 Tool, PIC 190118 Hex Crimp Die (.213/.261 hex)	M22520 / 5-01 Tool, MIL Spec *M22520 / 5-57 (.213 A hex)

CONSTRUCTION

Materials:

Body	Brass, ASTM-B16, Alloy UNS 36000, H02
Center Contact	Beryllium Copper, ASTM-B196, Alloy UNS C17300
Ferrule	Brass, ASTM-B16, Alloy UNS 36000, Dead Soft, Weatherseals included
Dielectric	TFE Fluorocarbon, ASTM-D1710, Type 1, Grade 1

Finish :

Body, Ferrule	Nickel
Center Contact	Gold

Applicable Standards	MIL-STD 348 MIL-PRF-39012

Notes :

1) A 2.5" piece of Raychem ATUM heat shrink P/N ATUM-16/4-0 provided with connector for purpose of strain relief & moisture protection.

*2) Please refer to **T-190XXX** Termination Instruction sheet for strip dimensions & instructions.*

* Note - MIL Spec die to be used on the smaller diameter area of ferrule only. Not the larger "Bell" areas on each end.

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