

## Connector Specification



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Approved : *FMB*

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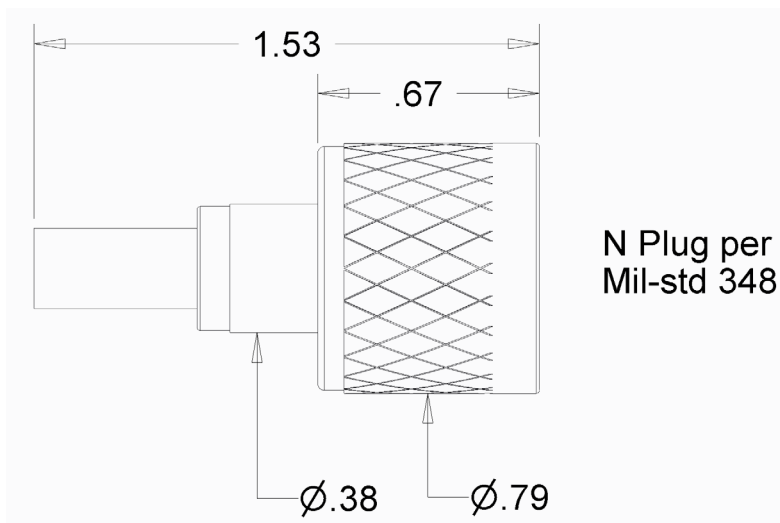
Distribution : **User**

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**Part Number: 150110**

**N TYPE Straight Plug**

for UH44193



Features Not Shown : Safety Wire Holes, Gasket in Front

### PERFORMANCE

Nominal Impedance :	50 Ohms
Frequency Range :	0 - 12 GHz
Voltage Rating :	1000 V(rms)
Insulation Resistance :	5000 Megohms
DW Voltage :	1500 V (rms)
Insertion Loss (max) :	0.17 dB max @ 12 GHz
Insertion Loss :	0.05 √ F(GHz)
Temperature Rating :	-65° to +165° C
VSWR: (MAX)	1.45: 1

### CONNECTOR WEIGHT (Each)

1.14 ounces (32.43 grams)

### RoHS COMPLIANT

Complies to RoHS Standards

### INSTALLATION

#### Center Contact

M22520 / 1-01 Tool  
Selector Dial Setting #8  
Positioner : M22520 / 1-13

#### Crimp Ferrule

M22520 / 5-01 Tool  
M22520 / 5-11 Die Set  
(.213" A hex)  
(.213/.261 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
Gasket	Silicone Rubber

#### Finish :

Body, Ferrule	Nickel
Center Contact	Gold

#### Interface Standards

MIL-STD 348  
MIL-PRF-39012

#### Notes :

- 1) A 1.5" piece of Raychem ATUM heat shrink P/N ATUM-12/3-0 provided with connector for purpose of strain relief & moisture protection.
- 2) Please refer to T-1501XX Termination Instruction sheet for strip dimensions & instructions.