

PIC Wire & Cable

A Division of the Angelus Corporation
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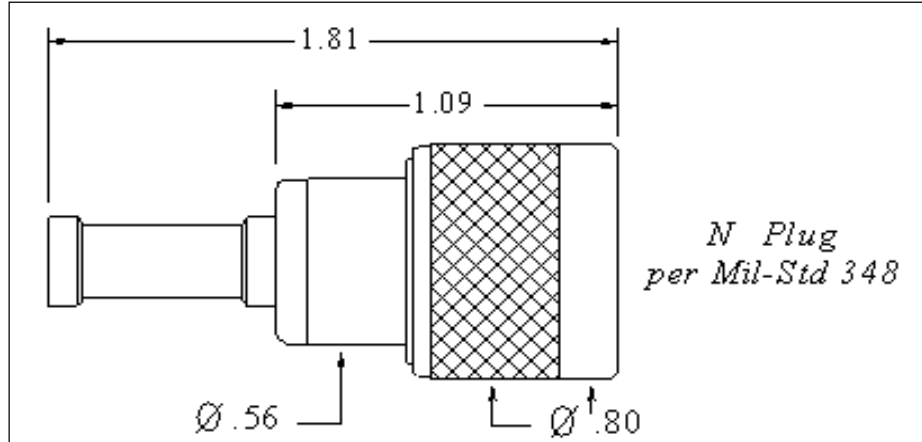
Connector Specification

Approved : *MCT*
 Distribution : USER

P/N 190110

Date 07/29/03
 Rev. 5 (06/16/14)
 Uncontrolled Document

N Straight 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 - 12 GHz |
| Voltage Rating | 1000 VRMS |
| Insulation Resistance | 5000 Megohms |

CONNECTOR WEIGHT (Each)

1.37 ounces (38.84 grams)

RoHS COMPLIANT

Complies to RoHS Standards

INSTALLATION**Pic Die Set**

Center Contact
 M22520 / 5 - 01 Tool,
 PIC 190118 Hex Crimp Die
 (.098 hex)

Crimp Ferrule
 M22520 / 5 - 01 Tool,
 PIC 190118 Hex Crimp Die
 (.213/.261 hex)

MIL Spec Die Set

Center Contact
 M22520 / 5-01 Tool,
 MIL Spec *M22520 / 5-57
 (.100 B hex)

Crimp Ferrule
 M22520 / 5-01 Tool,
 MIL Spec *M22520 / 5-57
 (.213 A hex)

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

CONSTRUCTION**Materials:**

| | |
|----------------|--|
| Body | Brass, ASTM-B16, Alloy UNS 36000, H02 |
| Center Contact | Brass, ASTM-B16, Alloy UNS 36000, H02 |
| 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.