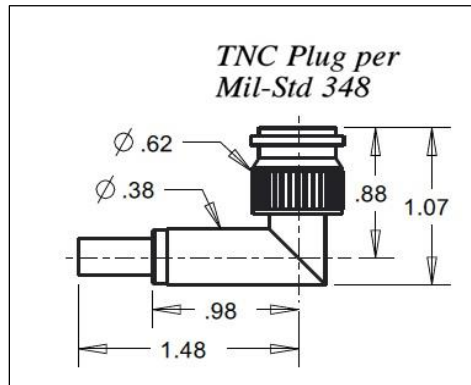


A Division of the Angelus Corporation
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 N220 W1051 Springdale Road, Waukesha, WI 53186

Approved : *JWS*
 Distribution : USER

Date : 03/02/15
 Rev. 5 (07/21/22)
 Uncontrolled if Printed

TNC 50 Ohm 90° Plug
 for UH44193



Features Not Shown : Safety Wire Holes, Gasket in Front

PERFORMANCE

Nominal Impedance : 50 Ohms
 Frequency Range : 0 - 12 GHz
 Voltage Rating : 500 V(rms)
 Insulation Resistance : 5000 Megohms
 DW Voltage : 1500 V (rms)
 Insertion Loss (max) : 0.24 dB max @ 12 GHz
 Insertion Loss : $0.07 \sqrt{F(\text{GHz})}$
 Temperature Rating : -65° to +165° C

CONNECTOR WEIGHT (Each)

1.10 ounces (31.07 grams)

RoHS COMPLIANT

Complies to RoHS Standards

INSTALLATION

Center Contact

M22520 / 1-01 Tool
 Selector Dial Setting #8
 Positioner : M22520 / 1-09

Crimp Ferrule

M22520 / 5-01 Tool
 M22520 / 5-11 Die set
 (.213", A Hex)

CONSTRUCTION

Materials:

Body	Brass, ASTM-B16, Alloy UNS 36000, H02
Connector Contact	Beryllium Copper, ASTM-B196, Alloy UNS C17300
Outer Contact	Beryllium Copper, ASTM-B196, Alloy UNS C17300
Cable Contact	Brass, ASTM-B16, Alloy UNS 36000, H02
Ferrule	Brass, ASTM-B16, Alloy UNS 36000, Dead Soft, Or Copper, ASTM-B152, Alloy C12200 Or Tellurium Copper, ASTM-B301, C14500, H02
Dielectric	TFE Fluorocarbon, ASTM-D1710, Type 1, Grade 1
Gasket	Silicone Rubber

Finish :

Body, Ferrule	Nickel
Center Contact	Gold

APPLICABLE STANDARDS

MIL-STD 348, MIL-PRF-39012

Notes :

1) A 2.0" 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.