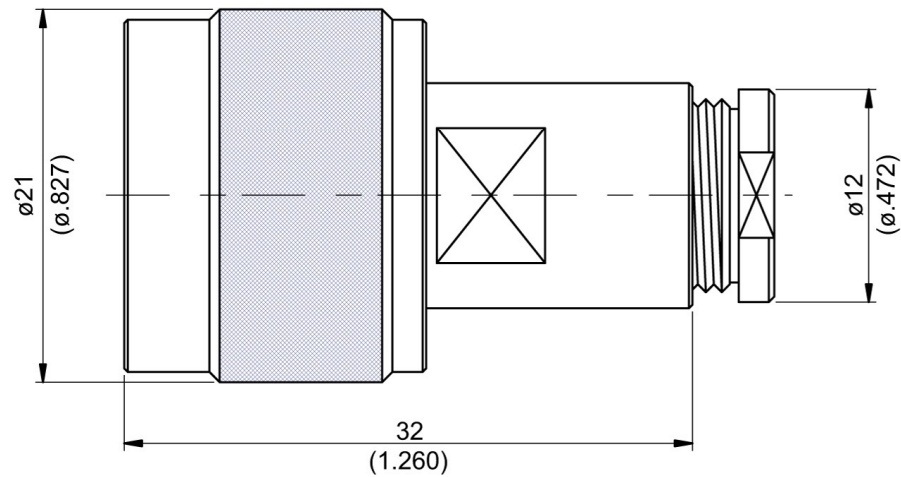


3126800700

N Plug Clamp

50Ω



Parts	Material	Plating (Micro-inch)
Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicon	
Top Hat	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Retainer Ring	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Suitable Cables: LMR300

This part number complies with RoHS.

Notice:

3126800700

Interface

MIL-STD-348B

Electrical Data

Impedance	50Ω
Frequency range	DC to 6GHz
VSWR	≤ 1.2 (DC to 6GHz)
Insertion loss	≤ 0.05 x √f(GHz) dB
Insulation resistance	≥ 5000MΩ
Contact resistance inner conductor	≤ 1.5mΩ
Contact resistance outer conductor	≤ 1mΩ
Dielectric withstanding voltage (at sea level)	2500 V rms
Working voltage (at sea level)	1000 V rms

Mechanical Data

Recommended coupling nut torque	6 to 10 inch lbs
Coupling proof torque	15 inch lbs
Coupling nut retention force	≥ 101.2 lbs
Contact captivation-axial	≥ 6.3 lbs
Durability (mating)	≥ 500

Environmental Data

Temperature range	-65°C to +165°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Moisture resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B
RoHS	Compliant

Tooling

Notice:

CABLE ASSEMBLY INSTRUCTION

3126800700

DATE

2014/04/29

REV

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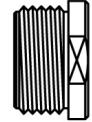
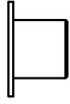
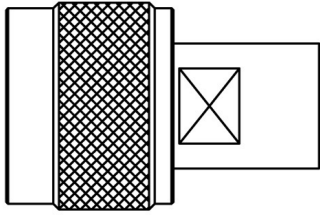
A

B

C

D

E



BODY

TOP HAT

GASKET

WASHER

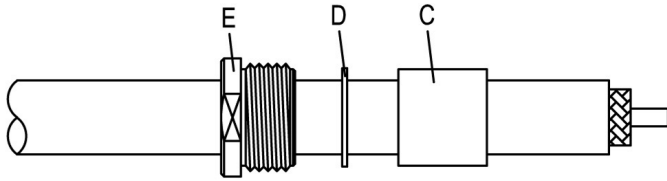
NUT

DIAGRAM

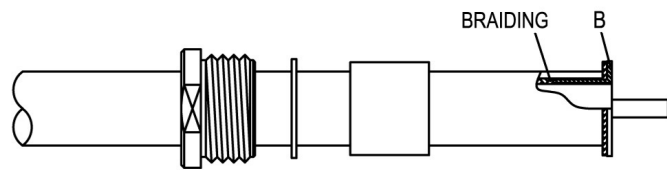
ASSEMBLY INSTRUCTION



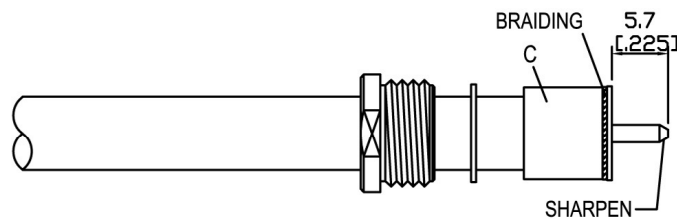
Step 1: STRIP AS SHOWN.



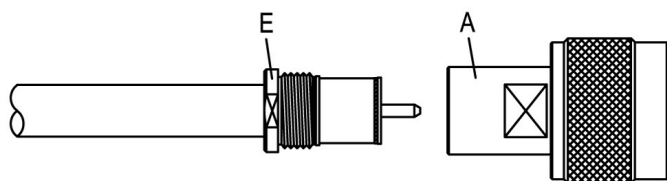
Step 2: SLIDE NUT " E " , WASHER " D " AND GASKET " C " OVER CABLE.



Step 3: SLIDE TOP HAT " B " BETWEEN BRAIDING AND DIELECTRIC.



Step 4: SLIDE GASKET " C " TOWARDS THE BRAIDING.
Step 5: SHARPEN CENTER CONDUCTOR TIP.



Step 6: FINALLY SCREW NUT " E " ON THE CONNECTOR BODY " A ".

This part number complies with RoHS.

Notice:

APPROVED

CHECKED

DRAWING