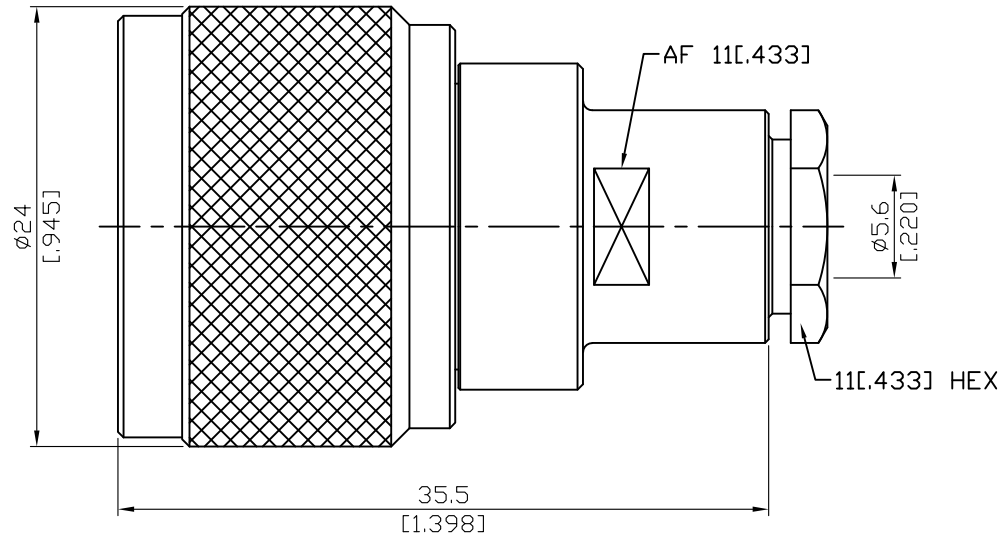


HN3200-0058

HN Plug Clamp For RG58, RG142, RG400,
JBY195, LMR195; 2GHz VSWR 1.2*

50Ω



*Using JBY195

Parts	Material	Plating (Micro-inch)
Hex Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicone	
Braid Clamp	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Brass	Silver 150 Over Copper 50
Insulator	Teflon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Suitable Cables: RG58, RG142, RG400, JBY195, LMR195

HN

HN3200-0058

Interface

MIL-STD-348B

Electrical Data

Impedance	50Ω
Frequency range	DC to 2GHz
VSWR	≤ 1.2 (DC-2GHz)
Insertion loss	≤ 0.1dB
Insulation resistance	≥ 10000MΩ
Contact resistance inner conductor	≤ 8mΩ
Contact resistance outer conductor	≤ 2mΩ
Dielectric withstanding voltage (at sea level)	3500 V rms
Working Voltage (at sea level)	2500 V rms

Mechanical Data

Recommended coupling nut torque	6.2 to 9.7 inch lbs
Coupling proof torque	15 inch 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

A

B

C

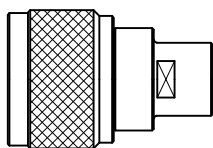
D

E

F

G

H



BODY

CONTACT
PIN

INSULATOR
(x2)

WASHER

BRAID
CLAMP

GASKET

WASHER

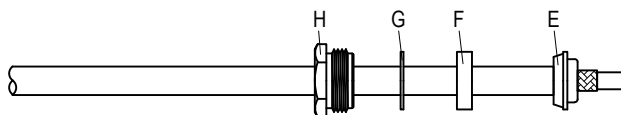
NUT

DIAGRAM

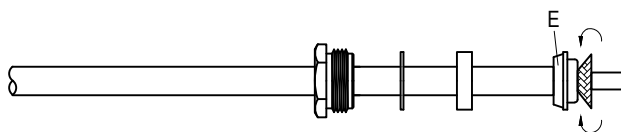
ASSEMBLY INSTRUCTION



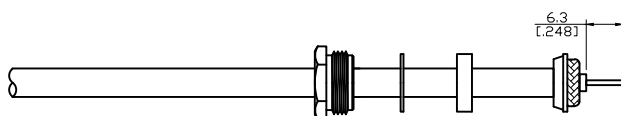
Step 1: STRIP AS SHOWN.



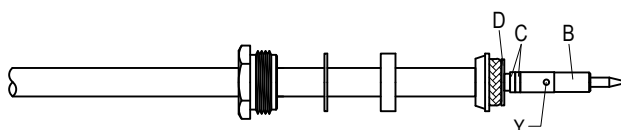
Step 2: SLIDE NUT "H"、WASHER "G"、GASKET "F" AND BRAID CLAMP "E" OVER CABLE.



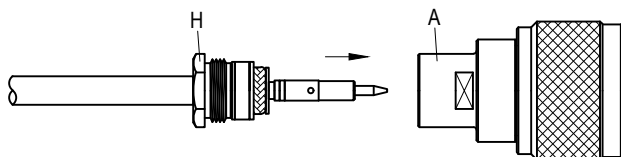
Step 3: WRAP THE BRAIDING OVER BRAID CLAMP "E" .



Step 4: STRIP AS SHOWN.



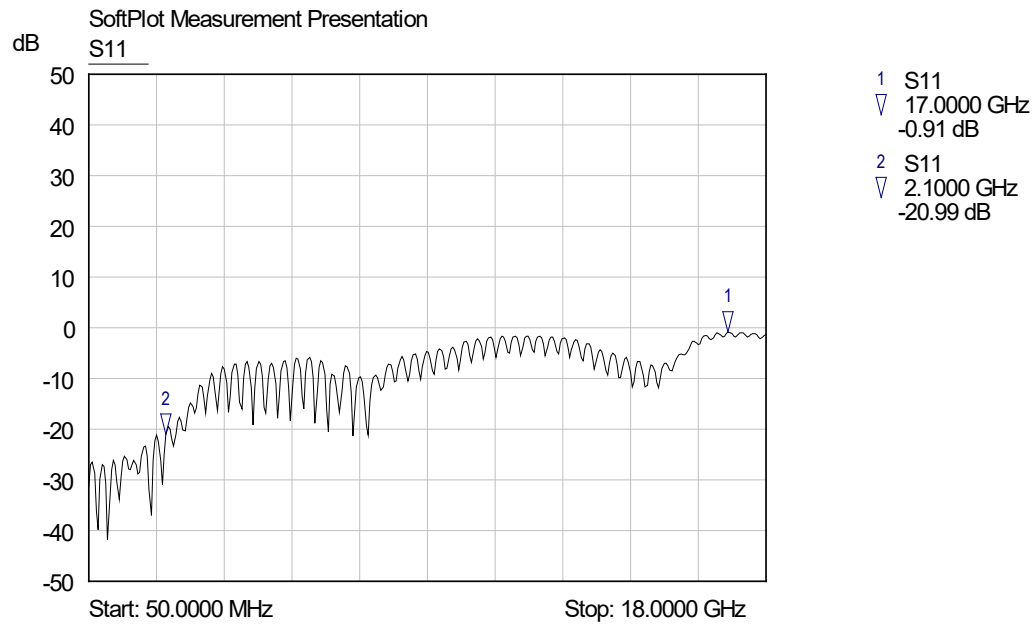
Step 5: SLIDE PREPARED CABLE INTO WASHER "D" .
Step 6: PUT INSULATOR "C" AND PIN "B" ON CENTER CONDUCTOR AND SOLDER IN "Y" .



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

HN3200-0058 (Using JBY195)

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