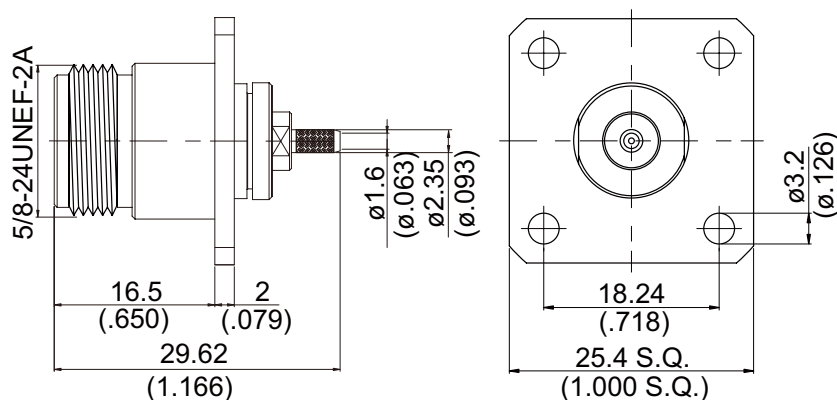


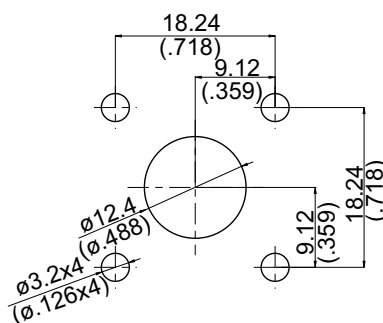
N8146-0316

N Jack Crimp 4-Hole 25.4SQ Flange
For RG174, RG188, RG316 6GHz VSWR1.2

50Ω



MOUNTING HOLE :



Parts	Material	Plating (Micro-inch)
Ferrule	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Solder Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Phosphor Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Gasket	Silicon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Weight: 32 g

Suitable Cables: RG174, RG188, RG316, RG316-E, RG316-FEP

This part number complies with RoHS.

Notice: JYEBAO reserves the right to make modifications deemed appropriate.

N		N8146-0316	
Interface		MIL-STD-348B	
Electrical Data		Impedance 50Ω Frequency range DC to 6GHz VSWR ≤ 1.2 (DC to 6GHz) Insertion loss $\leq 0.05 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance $\geq 5000\text{M}\Omega$ Contact resistance inner conductor $\leq 1.5\text{m}\Omega$ Contact resistance outer conductor $\leq 1\text{m}\Omega$ 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		Crimping tool CRT-1 or CRT-2 Crimp insert INSERT-A	

Notice: JYEBAO reserves the right to make modifications deemed appropriate.

CABLE ASSEMBLY INSTRUCTION

N8146-0316

JYE BAO CO., LTD.

N8146-0316

DATE

2014/04/29

REV

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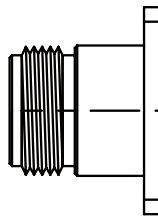
A

B

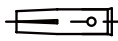
C

D

E



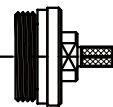
BODY



CONTACT PIN



INSULATOR



BARREL
+GASKET



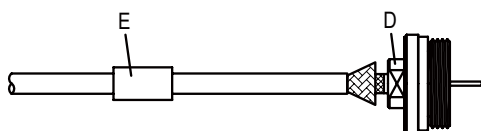
FERRULE

DIAGRAM

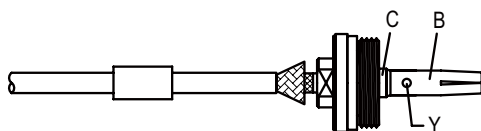
ASSEMBLY INSTRUCTION



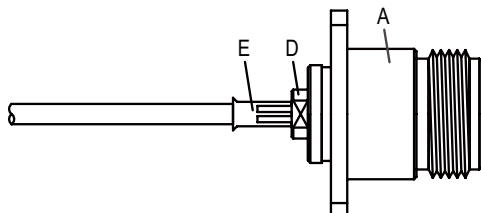
Step 1: STRIP AS SHOWN.



Step 2: SLIDE FERRULE "E" OVER CABLE.
Step 3: LOOSEN BRAIDING AND SLIDE BARREL "D" IN PLACE.



Step 4: PUT INSULATOR "C" AND PIN "B" ON CENTER CONDUCTOR AND SOLDER OR CRIMP IN "Y".
(USE SQUARE 2.4mm/0.094inch SECTION OF INSERT-A IF CRIMPED)



Step 5: SCREW BARREL "D" ON THE CONNECTOR BODY "A".
Step 6: SLIDE FERRULE "E" TOWARDS THE CONNECTOR "A" AND CRIMP.
(USE 3.3mm/0.130inch HEX SECTION OF INSERT-A)

This part number complies with RoHS.

Notice: JYEBAO reserves the right to make modifications deemed appropriate.