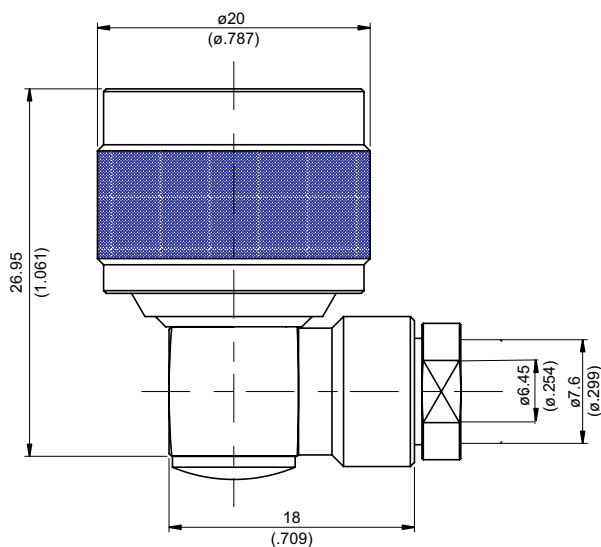


N3300B-9250

**N Plug Solder Clamp Right Angle 50Ω**  
For RG401; 7GHz VSWR 1.2



| Parts            | Material | Plating (Micro-inch)                                  |
|------------------|----------|-------------------------------------------------------|
| Solder Clamp Nut | Brass    | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| Nut              | Brass    | Tin-Zinc-Copper-Alloy 100 Over Copper 50              |
| Gasket           | Silicon  |                                                       |
| Contact Pin      | Brass    | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| 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: Semi-rigid.250

**This part number complies with RoHS.**

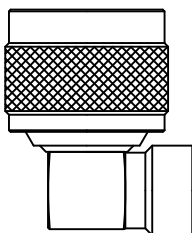
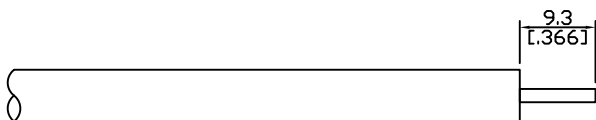
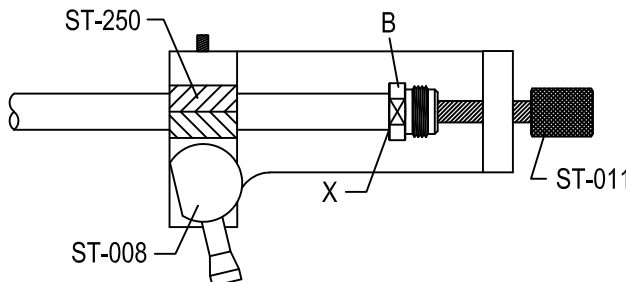
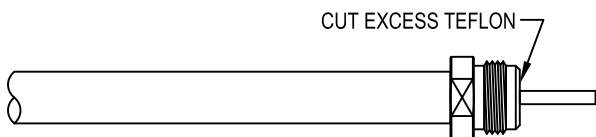
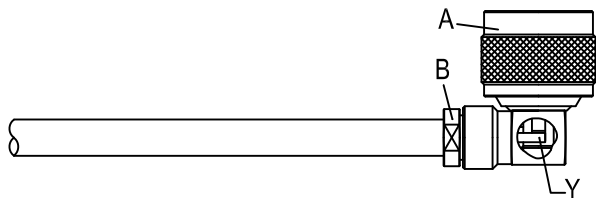
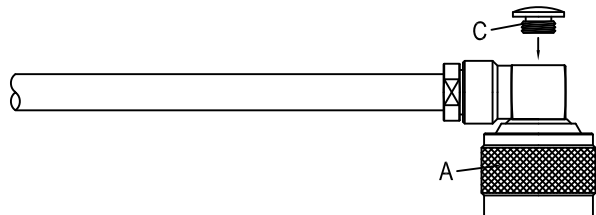
**Notice: JYEBAO reserves the right to make modifications deemed appropriate.**

| N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | N3300B-9250 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <div>Interface</div> MIL-STD-348B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |
| <div>Electrical Data</div> <div> <div>Impedance</div> <div>Frequency range</div> <div>VSWR</div> <div>Insertion loss</div> <div>Insulation resistance</div> <div>Contact resistance inner conductor</div> <div>Contact resistance outer conductor</div> <div>Dielectric withstanding voltage (at sea level)</div> <div>Working voltage (at sea level)</div> </div> <div> <div>50Ω</div> <div>DC to 7GHz</div> <div><math>\leq 1.2</math> (DC to 7GHz)</div> <div><math>\leq 0.05 \times \sqrt{f(\text{GHz})}</math> dB</div> <div><math>\geq 5000\text{M}\Omega</math></div> <div><math>\leq 1.5\text{m}\Omega</math></div> <div><math>\leq 1\text{m}\Omega</math></div> <div>2500 V rms</div> <div>1000 V rms</div> </div> |             |
| <div>Mechanical Data</div> <div> <div>Recommended coupling nut torque</div> <div>Coupling proof torque</div> <div>Coupling nut retention force</div> <div>Contact captivation-axial</div> <div>Durability (mating)</div> </div> <div> <div>6 to 10 inch lbs</div> <div>15 inch lbs</div> <div><math>\geq 101.2</math> lbs</div> <div><math>\geq 6.3</math> lbs</div> <div><math>\geq 500</math></div> </div>                                                                                                                                                                                                                                                                                                                |             |
| <div>Environmental Data</div> <div> <div>Temperature range</div> <div>Thermal shock</div> <div>Moisture resistance</div> <div>Corrosion</div> <div>RoHS</div> </div> <div> <div>-65°C to +165°C</div> <div>MIL-STD-202, Method 107, Condition B</div> <div>MIL-STD-202, Method 106</div> <div>MIL-STD-202, Method 101, Condition B</div> <div>Compliant</div> </div>                                                                                                                                                                                                                                                                                                                                                        |             |
| <div>Tooling</div> <div> <div>Locator tool</div> <div>Soldering fixture</div> <div>Insert for .250inch semi-rigid cable</div> </div> <div> <div>ST-011</div> <div>ST-008</div> <div>ST-250</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |

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

# JYE BAO CO., LTD.

## CABLE ASSEMBLY INSTRUCTION

|                                                                                                                                                                                                                                                                                                                                                                                                                          |  |         |                                                                                                                                     |         |   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------|-------------------------------------------------------------------------------------------------------------------------------------|---------|---|
| N3300B-9250                                                                                                                                                                                                                                                                                                                                                                                                              |  | DATE    | 2020/09/10                                                                                                                          | REV     | — |
| <div><div><div>A</div><div></div><div>BODY</div></div><div><div>B</div><div></div><div>SOLDER NUT</div></div><div><div>C</div><div></div><div>NUT</div></div></div> |  |         |                                                                                                                                     |         |   |
| DIAGRAM                                                                                                                                                                                                                                                                                                                                                                                                                  |  |         | ASSEMBLY INSTRUCTION                                                                                                                |         |   |
|                                                                                                                                                                                                                                                                                                                                         |  |         | Step 1: STRIP AS SHOWN.                                                                                                             |         |   |
|                                                                                                                                                                                                                                                                                                                                       |  |         | Step 2: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-250 " AND LOCATOR TOOL " ST-011 " TO FIX THE CONNECTOR. SOLDER IN " X ". |         |   |
|                                                                                                                                                                                                                                                                                                                                       |  |         | Step 3: CUT AWAY ANY EXCESS TEFLON STICKING OUT OF THE SOLDER FERRULE.                                                              |         |   |
|                                                                                                                                                                                                                                                                                                                                       |  |         | Step 4: SCREW SOLDER NUT " B " ON THE CONNECTOR BODY " A " AND SOLDER IN " Y ".                                                     |         |   |
|                                                                                                                                                                                                                                                                                                                                       |  |         | Step 5: FINALLY SCREW NUT " C " ON THE CONNECTOR BODY " A ".                                                                        |         |   |
| This part number complies with RoHS.<br>Notice: JYEBAO reserves the right to make modifications deemed appropriate.                                                                                                                                                                                                                                                                                                      |  |         |                                                                                                                                     |         |   |
| APPROVED                                                                                                                                                                                                                                                                                                                                                                                                                 |  | CHECKED |                                                                                                                                     | DRAWING |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                          |  |         |                                                                                                                                     | Albert  |   |

# N3300B-9250

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