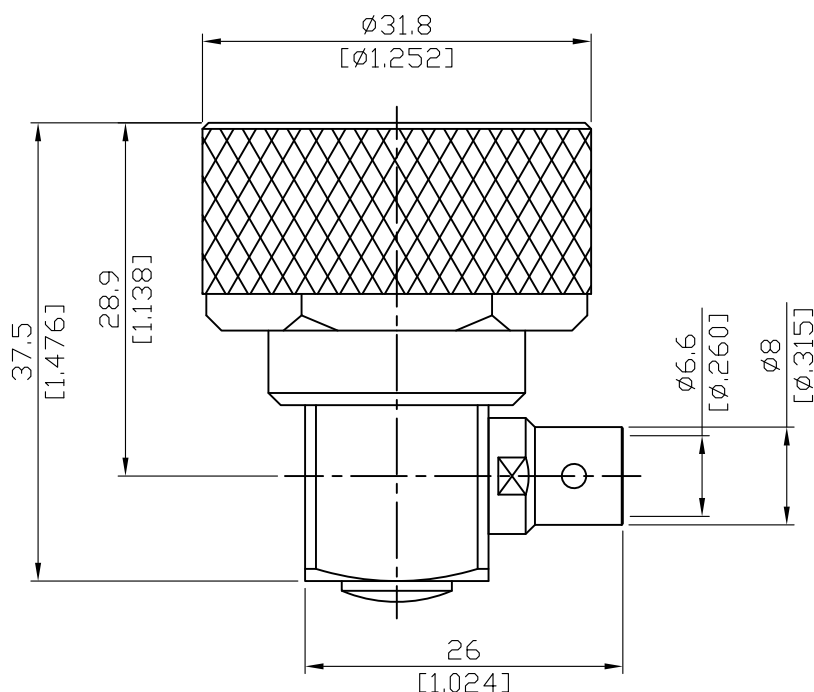


7/16-3300-9250

7/16 Plug Solder Right Angle
For RG401, 7GHz VSWR 1.25

50Ω



Parts	Material	Plating (Micro-inch)
Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicone	
Barrel	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
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: .250 Semi-Rigid, .250 Formable, RG401

This part number complies with RoHS.

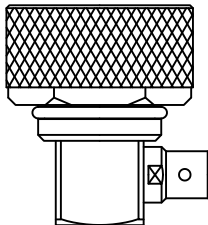
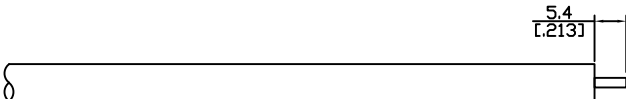
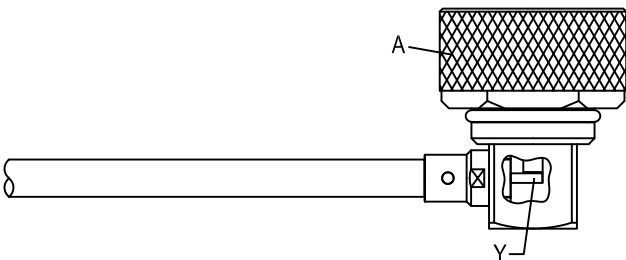
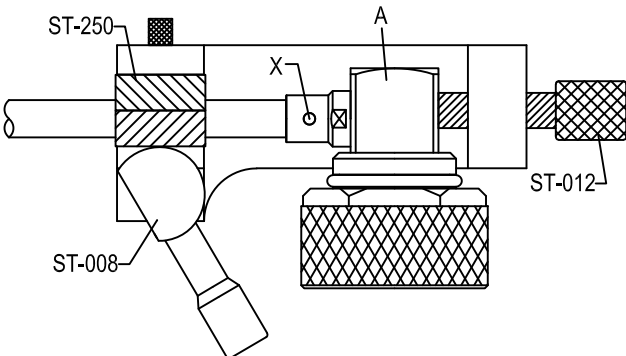
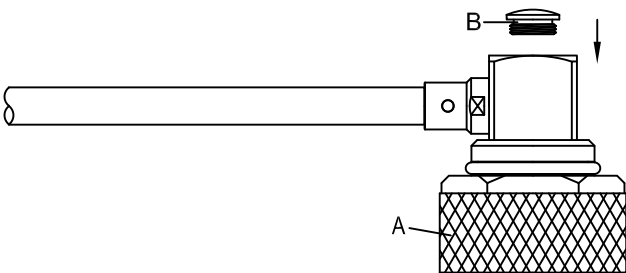
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

7/16	7/16-3300-9250
Interface IEC 60169-4	
Electrical Data Impedance50Ω Frequency rangeDC to 7GHz VSWR ≤ 1.25 (DC to 7GHz) Insertion loss $\leq 0.05\text{dB}$ Insulation resistance $\geq 10000\text{M}\Omega$ Contact resistance inner conductor $\leq 0.4\text{m}\Omega$ Contact resistance outer conductor $\leq 1.5\text{m}\Omega$ Dielectric withstanding voltage (at sea level)4000 V rms Working Voltage (at sea level)2700 V rms Rf leakage $\geq 128\text{dB}$ to 1GHz	
Mechanical Data Recommended coupling nut torque260 inch lbs Coupling proof torque310 inch lbs Coupling nut retention force ≥ 221 lbs Contact captivation-axial ≥ 45 lbs Durability (mating) ≥ 500	
Environmental Data Temperature range-65°C to +165°C Thermal shockMIL-STD-202, Method107, Condition B Moisture resistanceMIL-STD-202, Method106 CorrosionMIL-STD-202, Method101, Condition B RoHSCompliant	
Tooling Locator toolST-012 Soldering fixtureST-008 Insert for .250 semi-rigid cableST-250	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

7/16-3300-9250		DATE	2021/03/10	REV	—
A		B			
					
BODY		NUT			
DIAGRAM		ASSEMBLY INSTRUCTION			
		Step 1: STRIP AS SHOWN.			
		Step 2: SLIDE CENTER CONDUCTOR ON THE CONTACT PIN OF CONNECTOR " A " AND SOLDER IN " Y ".			
		Step 3: INSERT PREPARED CABLE INTO SOLDERING FIXTURE " ST-008 ". USE INSERT TOOL " ST-250 " AND LOCATOR TOOL " ST-012 " TO FIX THE CONNECTOR. SOLDER IN " X ".			
		Step 4: FINALLY SCREW NUT " B " ON THE CONNECTOR BODY " A ".			
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

7/16-3300-9250

