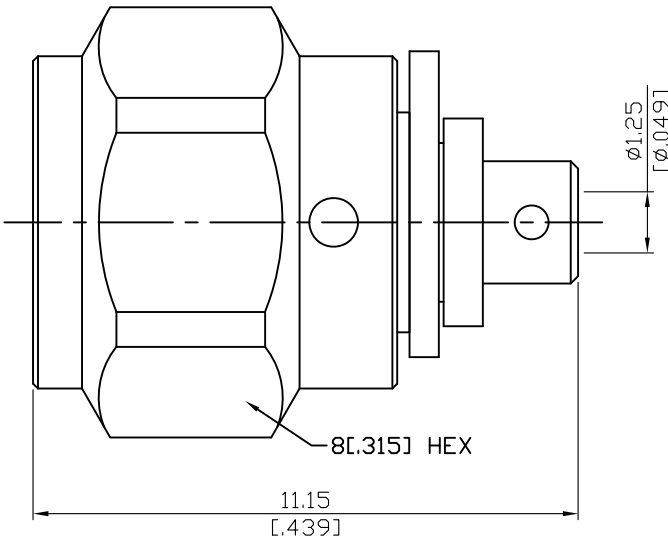


1.35-33NV-0047

1.35mm Plug For .047 semi-rigid
90GHz VSWR 1.4

50Ω



Parts	Material	Plating (Micro-inch)
Coupling Nut	Stainless Steel	Passivated
Body	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
E-Ring	Stainless Steel	Passivated

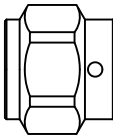
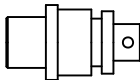
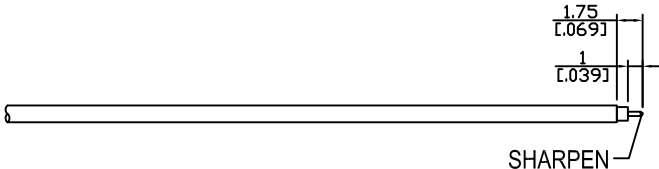
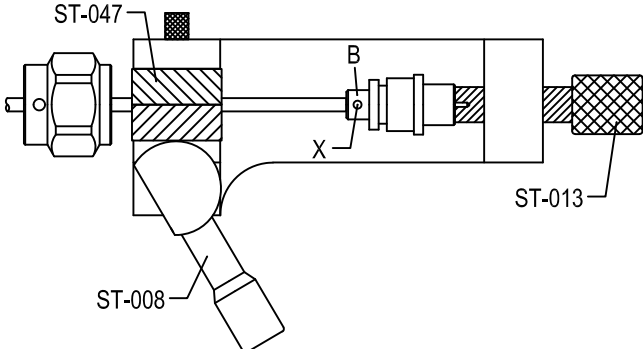
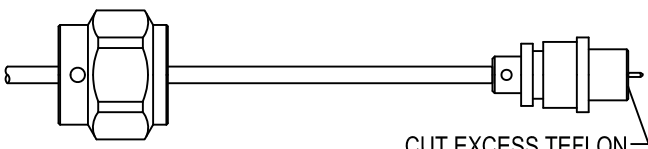
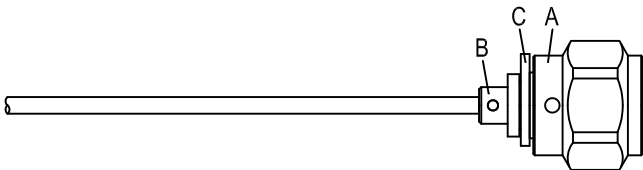
Suitable Cables: .047 semi-rigid

Description	1.35-33NV-0047
Interface IEC61169-65	
Electrical Data Impedance 50Ω Frequency Range DC to 90GHz VSWR ≤ 1.4 Insulation Resistance $\geq 5000\text{M}\Omega$ Contact Resistance Inner Conductor $\leq 4\text{m}\Omega$ Contact Resistance Outer Conductor $\leq 1\text{m}\Omega$ Dielectric Withstanding Voltage (at sea level) 500 V rms, 50Hz Working Voltage (at sea level) 150 V rms, 50Hz RF Leakage $\geq 90\text{dB}$ to 1GHz	
Mechanical Data Recommended coupling nut torque 8 inch lbs Coupling proof torque 14.6 inch lbs Contact Captivation-axial ≥ 2.25 lbs Durability (mating) ≥ 3000	
Environmental Data Temperature Range -40°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: JYEBAO reserves the right to make modifications deemed appropriate.

JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

1.35-33NV-0047		DATE	2022/04/08	REV	—
A  SHELL B  BODY C  E-RING					
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN. Step 2: SHARPEN CENTER CONDUCTOR TIP.		
			Step 3: SLIDE SHELL " A " OVER THE CABLE.		
			Step 4: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-047 " AND LOCATOR TOOL " ST-013 " TO FIX THE CONNECTOR. SOLDER IN " X ".		
			Step 5: CUT AWAY ANY EXCESS TEFLON AFTER SOLDERING.		
			Step 6: SLIDE SHELL " A " OVER THE CONNECTOR BODY " B ". Step 7: PUT E-RING " C " ON THE CONNECTOR BODY " B ".		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

1.35-33NV-0047

