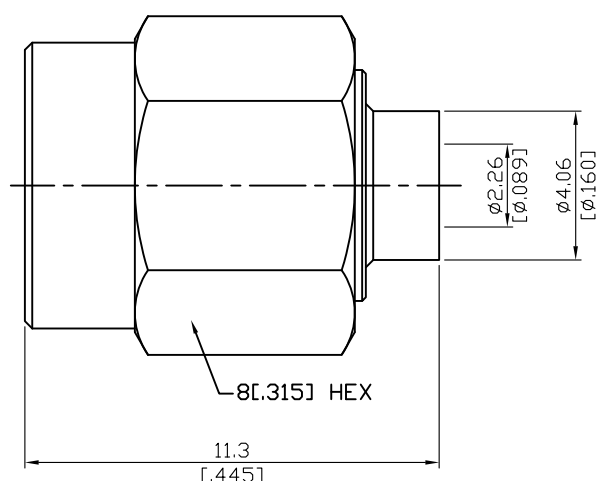


1.85-33NV-0085

1.85mm Plug Solder For RG405
70GHz VSWR 1.3

50Ω



Parts	Material	Plating (Micro-inch)
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicone	
Body	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Coupling Nut	Stainless Steel	Passivated

Suitable Cables: .085 Semi-Rigid

This part number complies with RoHS.

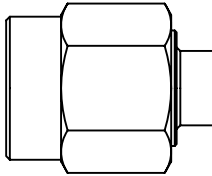
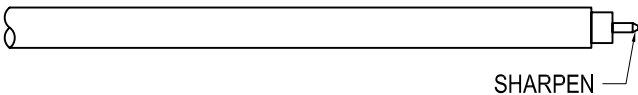
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

1.85	1.85-33NV-0085
Interface IEEE 287; IEC61169-32 Mechanically compatible with 2.4	
Electrical Data Impedance 50Ω Frequency range DC to 70GHz VSWR ≤ 1.3 (DC to 70GHz) Insertion loss $\leq 0.05 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance $\geq 5000\text{M}\Omega$ Contact resistance inner conductor $\leq 4\text{m}\Omega$ Contact resistance outer conductor $\leq 2.5\text{m}\Omega$ Dielectric withstanding voltage (sea level) 500V rms Working voltage (sea level) 150V rms RF leakage $\geq 100\text{dB}$ to 1GHz	
Mechanical Data Recommended coupling nut torque 7.08 to 9.74 inch lbs Coupling proof Torque 15 inch lbs Contact captivation-axial ≥ 4.5 lbs Durability (mating) ≥ 500	
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 Soldering fixture ST-008 Insert for .085semi-rigid cable ST-009 Locator tool ST-011	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

1.85-33NV-0085		DATE	2016/10/30	REV	—
A  BODY					
DIAGRAM			ASSEMBLY INSTRUCTION		
2.55 [.100] 1.4 [.055]			Step 1: STRIP AS SHOWN.		
SHARPEN			Step 2: SHARPEN CENTER CONDUCTOR TIP.		
ST-009 A X ST-011 ST-008			Step 3: USE SOLDERING FIXTURE "ST-008", INSERT TOOL "ST-009" AND LOCATOR TOOL "ST-011" TO FIX THE CONNECTOR. SOLDER IN "X".		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

1.85-33NV-0085

S11

