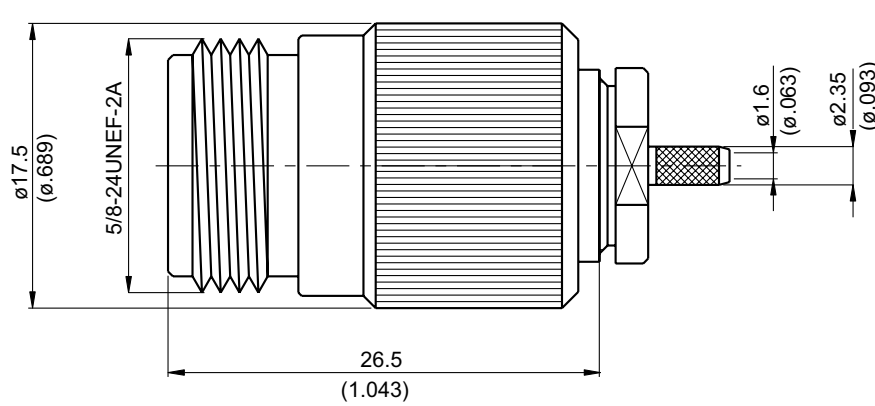


N8100D-0316	N Jack Crimp For RD316,RD316-FEP 2.45GHz VSWR 1.2		50Ω																		
																					
<table><tr><th>Parts</th><th>Material</th><th>Plating (Micro-inch)</th></tr><tr><td>Ferrule</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr><tr><td>Crimping Nut</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr><tr><td>Contact Pin</td><td>Phosphor Bronze</td><td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td></tr><tr><td>Insulator</td><td>Teflon</td><td></td></tr><tr><td>Body</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr></table>				Parts	Material	Plating (Micro-inch)	Ferrule	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Crimping 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		Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
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Weight: 38.88 g Suitable Cables: RD316, RD316-FEP																					

This part number complies with RoHS.

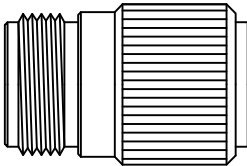
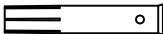
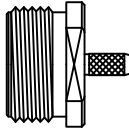
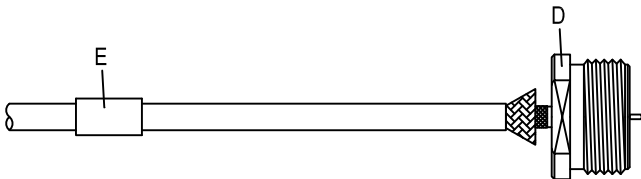
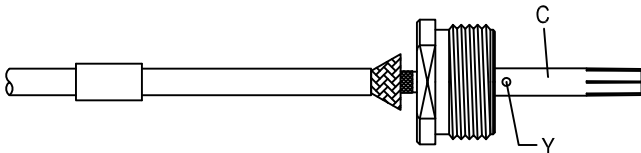
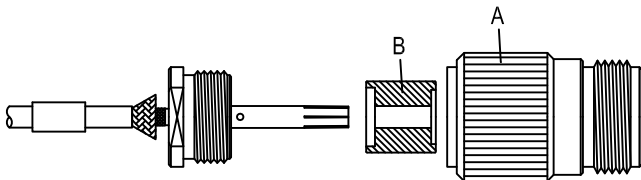
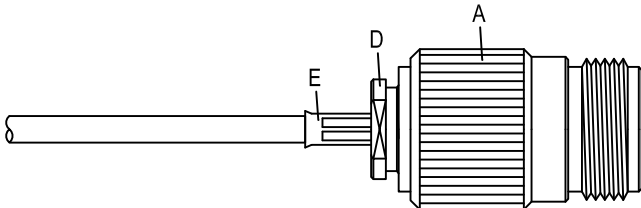
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

N	N8100D-0316
Interface MIL-STD-348B	
Electrical Data Impedance Frequency range VSWR Insertion loss Insulation resistance Contact resistance inner conductor Contact resistance outer conductor Dielectric withstanding voltage (at sea level) Working voltage (at sea level) 50Ω DC to 2.45GHz ≤ 1.2 (DC to 2.45GHz) $\leq 0.05 \times \sqrt{f(\text{GHz})}$ dB $\geq 5000\text{M}\Omega$ $\leq 1.5\text{m}\Omega$ $\leq 1\text{m}\Omega$ 2500 V rms 1000 V rms	
Mechanical Data Recommended coupling nut torque Coupling proof torque Contact captivation-axial Durability (mating) 6 to 10 inch lbs 15 inch lbs ≥ 6.3 lbs ≥ 500	
Environmental Data Temperature range Thermal shock Moisture resistance Corrosion RoHS -65°C to +165°C MIL-STD-202, Method 107, Condition B MIL-STD-202, Method 106 MIL-STD-202, Method 101, Condition B Compliant	
Tooling Crimping tool Crimp insert CRT-1 or CRT-2 INSERT-A	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

N8100D-0316		DATE	2014/04/29	REV	—
A	B	C	D	E	
					
BODY	INSULATOR	CONTACT PIN	CRIMP NUT	FERRULE	
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: SLIDE FERRULE " E " OVER CABLE. Step 3: LOOSEN BRAIDING AND SLIDE CRIMP NUT " D " IN PLACE.		
			Step 4: PUT CONTACT PIN " C " ON CENTER CONDUCTOR AND SOLDER OR CRIMP IN " Y ". (USE SQUARE 2.4mm/0.094inch SECTION OF INSERT-A IF CRIMPED)		
			Step 5: SLIDE INSULATOR " B " INTO CONNECTOR BODY " A ".		
			Step 6: SCREW CRIMP NUT " D " ON THE CONNECTOR BODY " A ". Step 7: SLIDE FERRULE " E " TOWARDS CRIMP NUT " D " 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.					
APPROVED		CHECKED		DRAWING	
				Albert	

N8100D-0316

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