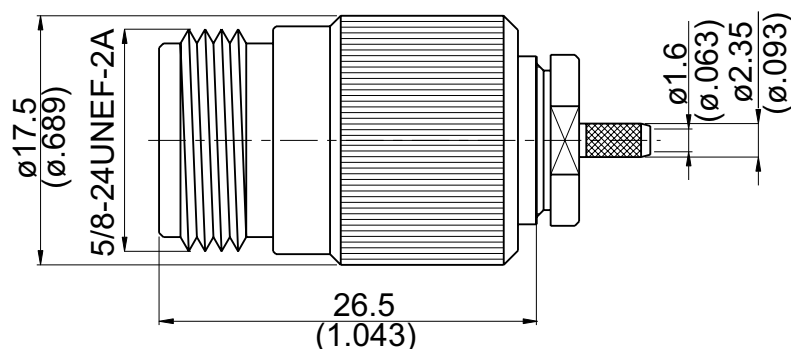


N8100-0316

**N Jack Crimp For RG174, RG188, RG316;
2.45GHz VSWR 1.2**

50Ω



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
Insulator	Teflon	
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

Weight: 39.02 g

Suitable Cables: RG174, RG188, RG316, RG316-FEP

This part number complies with RoHS.

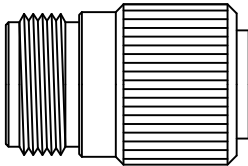
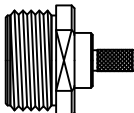
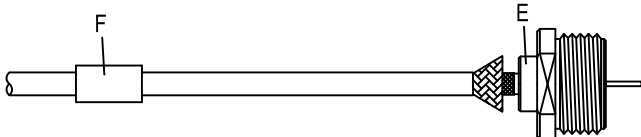
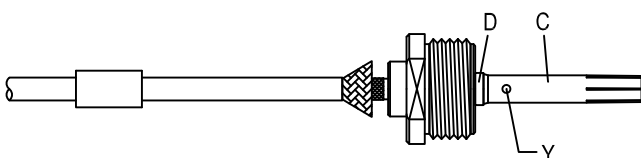
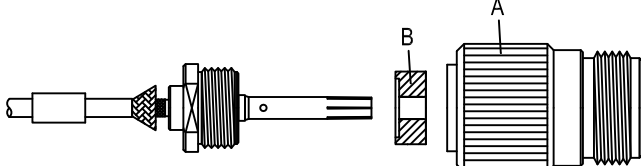
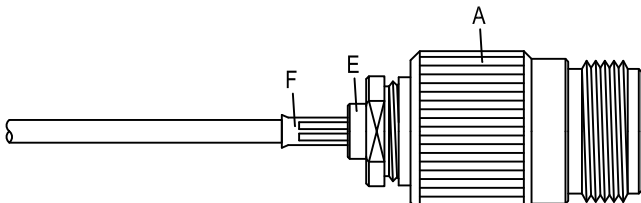
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

N	N8100-0316																		
Interface MIL-STD-348B																			
Electrical Data <table> <tr> <td>Impedance</td><td>50Ω</td></tr> <tr> <td>Frequency range</td><td>DC to 2.45GHz</td></tr> <tr> <td>VSWR</td><td>≤ 1.2 (DC to 2.45GHz)</td></tr> <tr> <td>Insertion loss</td><td>≤ 0.05 x √f(GHz) dB</td></tr> <tr> <td>Insulation resistance</td><td>≥ 5000MΩ</td></tr> <tr> <td>Contact resistance inner conductor</td><td>≤ 1.5mΩ</td></tr> <tr> <td>Contact resistance outer conductor</td><td>≤ 1mΩ</td></tr> <tr> <td>Dielectric withstanding voltage (at sea level)</td><td>2500 V rms</td></tr> <tr> <td>Working voltage (at sea level)</td><td>1000 V rms</td></tr> </table>		Impedance	50Ω	Frequency range	DC to 2.45GHz	VSWR	≤ 1.2 (DC to 2.45GHz)	Insertion loss	≤ 0.05 x √f(GHz) dB	Insulation resistance	≥ 5000MΩ	Contact resistance inner conductor	≤ 1.5mΩ	Contact resistance outer conductor	≤ 1mΩ	Dielectric withstanding voltage (at sea level)	2500 V rms	Working voltage (at sea level)	1000 V rms
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JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

N8100-0316			DATE	2014/04/29	REV	—
A	B	C	D	E	F	
						
BODY	INSULATOR	CONTACT PIN	INSULATOR	CRIMP NUT	FERRULE	
DIAGRAM			ASSEMBLY INSTRUCTION			
			Step 1: STRIP AS SHOWN.			
			Step 2: SLIDE FERRULE " F " OVER CABLE. Step 3: LOOSEN BRAIDING AND SLIDE CRIMP NUT " E " IN PLACE.			
			Step 4: PUT INSULATOR " D " AND 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 " E " ON THE CONNECTOR BODY " A ". Step 7: SLIDE FERRULE " F " TOWARDS THE CRIMP NUT " E " 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		

N8100-0316

S11

