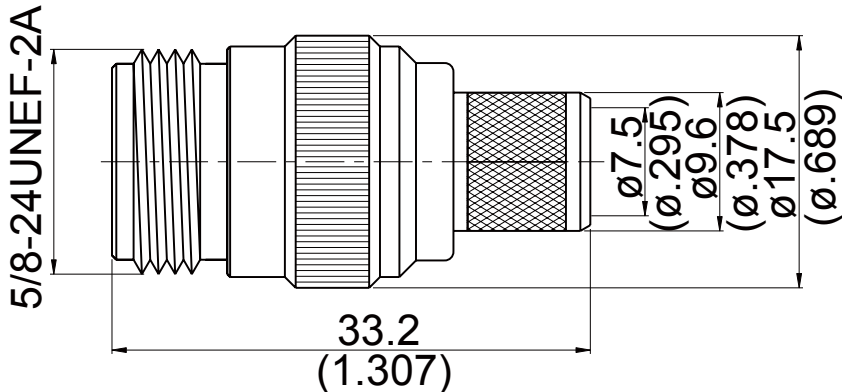


N8100-0213	N Jack Crimp For RG213; 6GHz VSWR 1.2		50Ω															
																		
<table><tr><th>Parts</th><th>Material</th><th>Plating (Micro-inch)</th></tr><tr><td>Ferrule</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr><tr><td>Contact Pin</td><td>Phosphor Bronze</td><td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td></tr><tr><td>Body</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr><tr><td>Insulator</td><td>Teflon</td><td></td></tr></table>				Parts	Material	Plating (Micro-inch)	Ferrule	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Contact Pin	Phosphor Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Insulator	Teflon	
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Weight: 31.32 g Suitable Cables: RG8, RG213																		

This part number complies with RoHS.

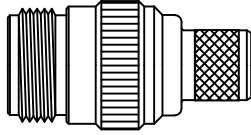
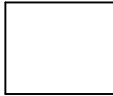
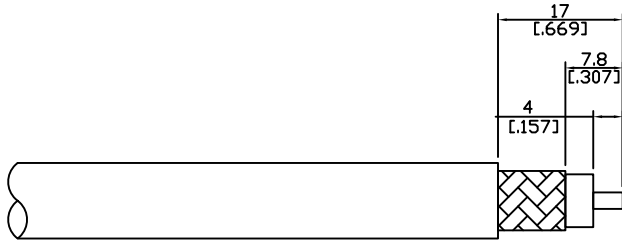
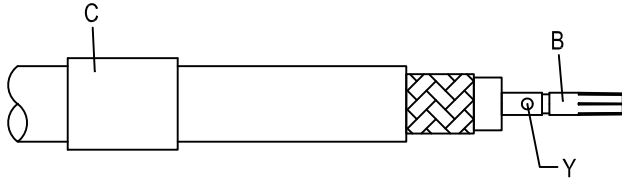
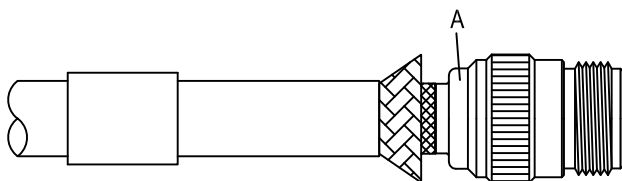
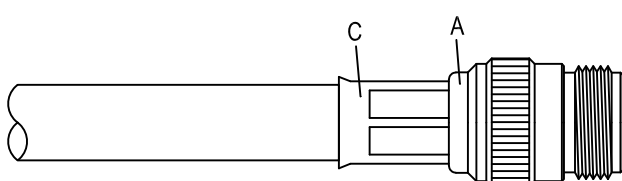
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

N	N8100-0213																		
Interface MIL-STD-348B																			
Electrical Data <table> <tr> <td>Impedance</td><td>50Ω</td></tr> <tr> <td>Frequency range</td><td>DC to 6GHz</td></tr> <tr> <td>VSWR</td><td>≤ 1.2 (DC to 6GHz)</td></tr> <tr> <td>Insertion loss</td><td>$\leq 0.05 \times \sqrt{f(\text{GHz})}$ dB</td></tr> <tr> <td>Insulation resistance</td><td>$\geq 5000\text{M}\Omega$</td></tr> <tr> <td>Contact resistance inner conductor</td><td>$\leq 1.5\text{m}\Omega$</td></tr> <tr> <td>Contact resistance outer conductor</td><td>$\leq 1\text{m}\Omega$</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 6GHz	VSWR	≤ 1.2 (DC to 6GHz)	Insertion loss	$\leq 0.05 \times \sqrt{f(\text{GHz})}$ dB	Insulation resistance	$\geq 5000\text{M}\Omega$	Contact resistance inner conductor	$\leq 1.5\text{m}\Omega$	Contact resistance outer conductor	$\leq 1\text{m}\Omega$	Dielectric withstanding voltage (at sea level)	2500 V rms	Working voltage (at sea level)	1000 V rms
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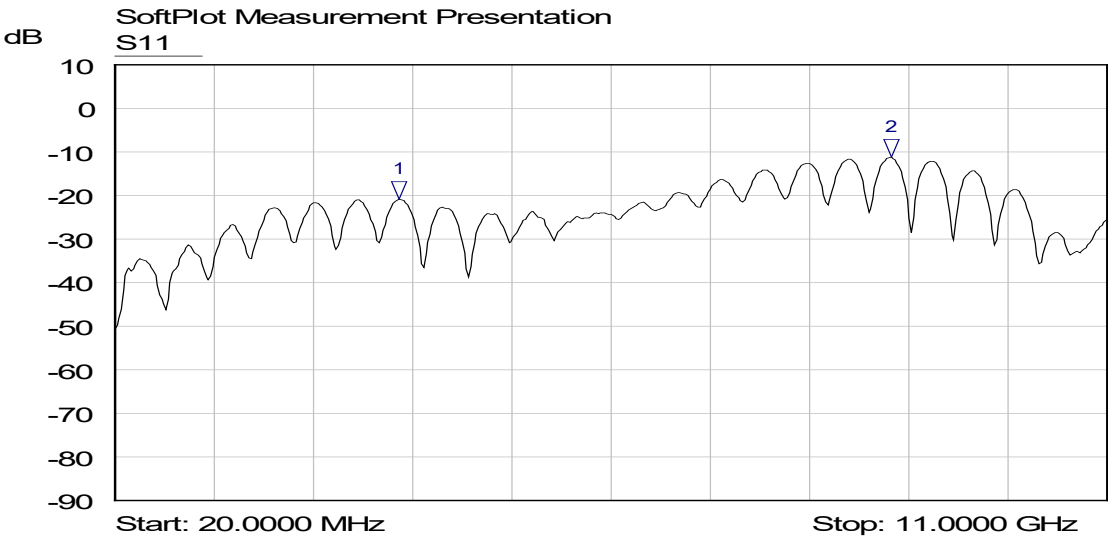
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JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

N8100-0213		DATE	2016/12/27	REV	A
A B C  BODY  CONTACT PIN  FERRULE					
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: SLIDE FERRULE "C" OVER CABLE. Step 3: PUT PIN "B" ON CENTER CONDUCTOR AND SOLDER OR CRIMP IN "Y". (USE SQUARE 2.4mm/0.094inch SECTION OF INSERT-C IF CRIMPED)		
			Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR "A" IN PLACE.		
			Step 5: SLIDE FERRULE "C" TOWARDS THE CONNECTOR "A" AND CRIMP. (USE 10.7mm/0.421inch HEX SECTION OF INSERT-C)		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

N8100-0213



Mkr	Trace	X-Axis	Value	Notes
1 ▽	S11	3.1665 GHz	-20.84 dB	
2 ▽	S11	8.6055 GHz	-11.25 dB	