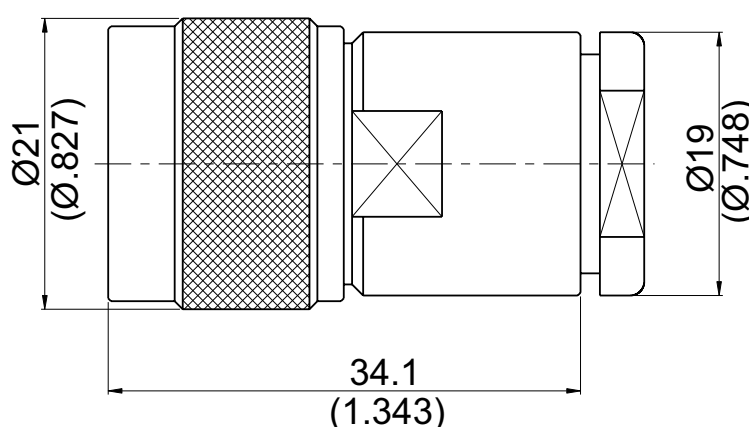


N3200B-0214	N Plug Clamp For RG214; 4GHz VSWR 1.2, 6GHz VSWR 1.35	50Ω																																	
																																			
<table><tr><th>Parts</th><th>Material</th><th>Plating (Micro-inch)</th></tr><tr><td>Nut</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr><tr><td>Braid Clamp</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr><tr><td>Washer</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr><tr><td>Center Pin</td><td>Brass</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>Retainer Ring</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr><tr><td>Gasket</td><td>Silicon</td><td></td></tr><tr><td>Contact Body</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr><tr><td>Body</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr><tr><td>Coupling Nut</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr></table>			Parts	Material	Plating (Micro-inch)	Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Braid Clamp	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Center Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	Insulator	Teflon		Retainer Ring	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Gasket	Silicon		Contact Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
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Weight: 52.24 g Suitable Cables: RG214																																			

This part number complies with RoHS.

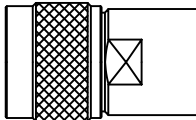
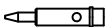
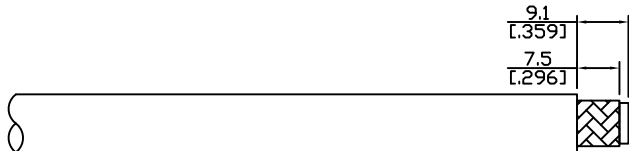
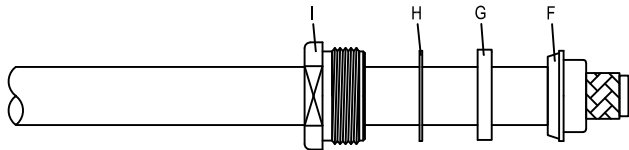
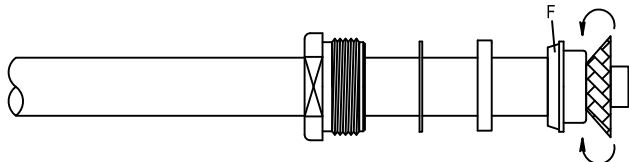
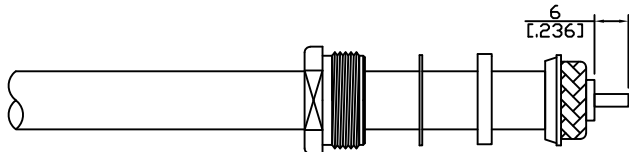
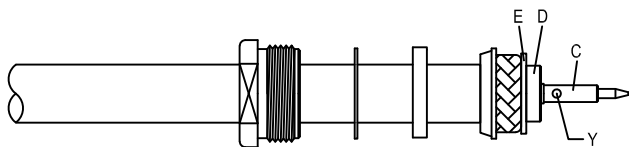
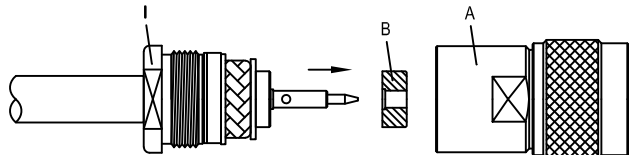
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

N		N3200B-0214	
Interface		MIL-STD-348B	
Electrical Data		Impedance 50Ω Frequency range DC to 6GHz VSWR ≤ 1.2 (4GHz); ≤ 1.35 (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	
Mechanical Data		Recommended coupling nut torque 6 to 10 inch lbs Coupling proof torque 15 inch lbs Coupling nut retention force ≥ 101.2 lbs Contact captivation-axial ≥ 6.3 lbs Durability (mating) ≥ 500	
Environmental Data		Temperature range -65°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		Crimping tool CRT-1 or CRT-2 Crimp insert INSERT-C	

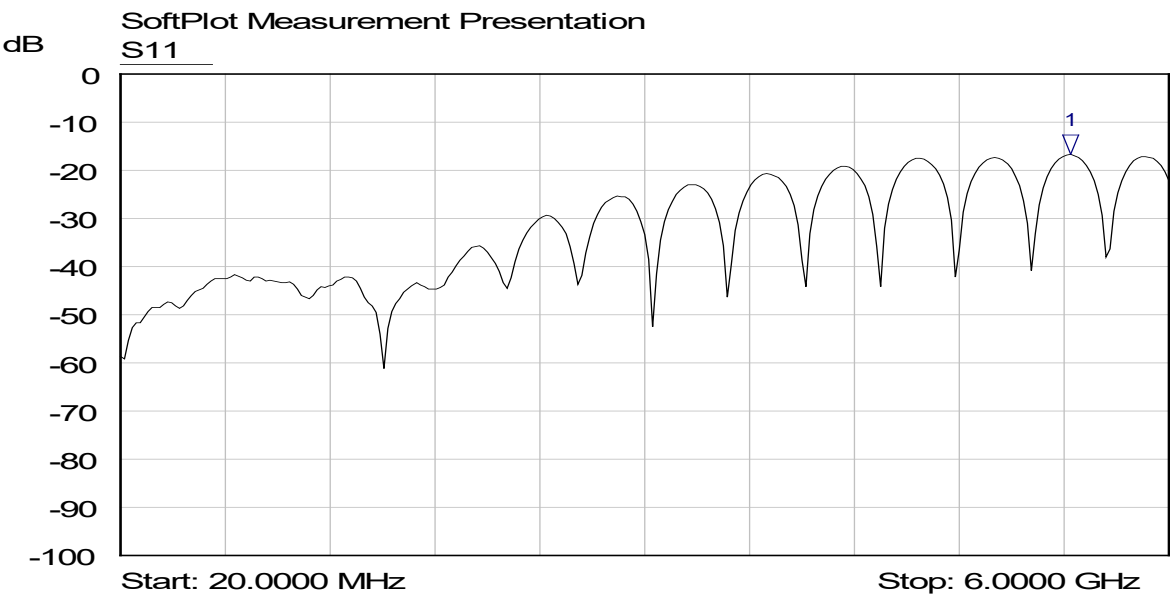
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JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

N3200B-0214				DATE	2014/04/29	REV	—	
A	B	C	D	E	F	G	H	I
								
BODY	INSULATOR	CONTACT PIN	INSULATOR	WASHER	BRAID CLAMP	GASKET	WASHER	NUT
DIAGRAM				ASSEMBLY INSTRUCTION				
				Step 1: STRIP AS SHOWN.				
				Step 2: SLIDE NUT " I " 、 WASHER " H " 、 GASKET " G " AND BRAID CLAMP " F " OVER CABLE.				
				Step 3: WRAP THE BRAIDING OVER " F " .				
				Step 4: STRIP AS SHOWN.				
				Step 5: SLIDE WASHER " E " IN PLACE. Step 6: PUT INSULATOR " D " AND CONTACT PIN " C " ON CENTER CONDUCTOR AND SOLDER OR CRIMP IN " Y " . (USE SQUARE 2.55mm/0.100inch HEX SECTION OF INSERT-C IF CRIMPED)				
				Step 7: SLIDE INSULATOR " B " INTO CONNECTOR BODY " A " . Step 8: FINALLY SCREW NUT " I " ON THE CONNECTOR BODY " A " .				
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.								
APPROVED			CHECKED			DRAWING		
						Albert		

N3200B-0214



Mkr	Trace	X-Axis	Value	Notes
1 ▽	S11	5.4365 GHz	-16.75 dB	