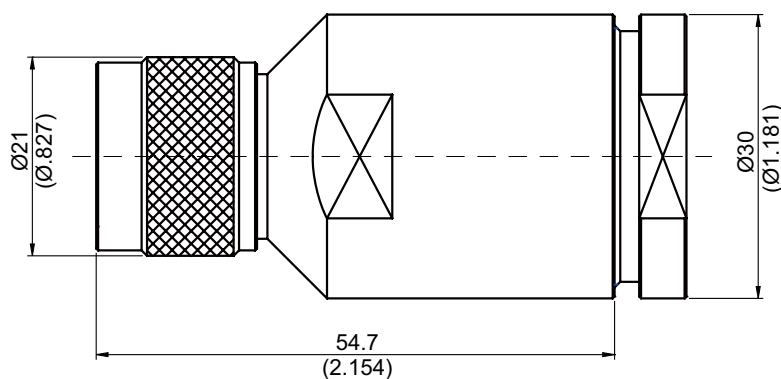


N3200B-0218

**N plug clamp for RG218;
4GHz VSWR 1.3**

50Ω



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

Weight:

Suitable Cables: RG218

This part number complies with RoHS.

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

N	N3200B-0218																		
Interface MIL-STD-348B																			
Electrical Data <table> <tr> <td>Impedance</td><td>50Ω</td></tr> <tr> <td>Frequency range</td><td>DC to 4GHz</td></tr> <tr> <td>VSWR</td><td>≤ 1.3 (DC to 4GHz)</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 4GHz	VSWR	≤ 1.3 (DC to 4GHz)	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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RoHS	Compliant																		
Tooling																			

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CABLE ASSEMBLY INSTRUCTION

N3200B-0218

JYE BAO CO., LTD.

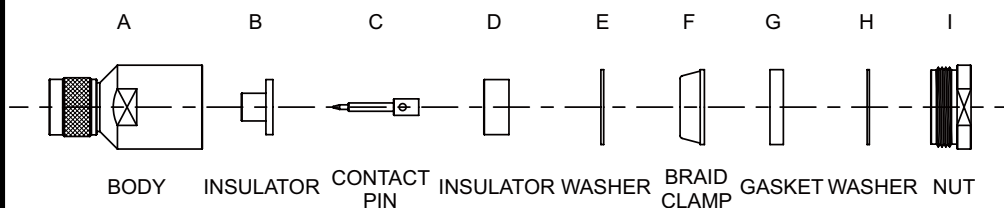
N3200B-0218

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2014/04/29

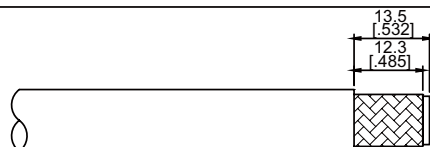
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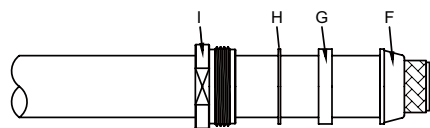


DIAGRAM

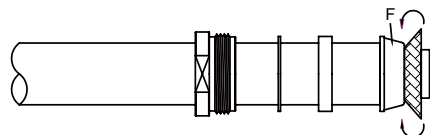
ASSEMBLY INSTRUCTION



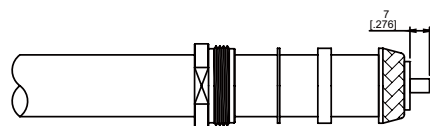
Step 1: STRIP AS SHOWN.



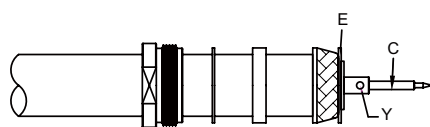
Step 2: SLIDE NUT " I " , WASHER " H " , GASKET " G " AND BRAID CLAMP " F " OVER CABLE.



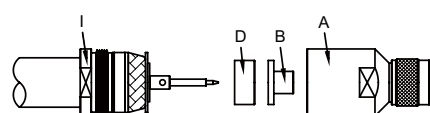
Step 3: WRAP THE BRAIDING OVER " F " .



Step 4: STRIP AS SHOWN.



Step 5: SLIDE WASHER " E " IN PLACE.
Step 6: PUT CONTACT PIN " C " ON CENTER CONDUCTOR AND SOLDER IN " Y " .



Step 7: SLIDE INSULATOR " B " AND " D " INTO CONNECTOR BODY " A " .
Step 8: FINALLY SCREW NUT " I " ON THE CONNECTOR BODY " A " .

This part number complies with RoHS.

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