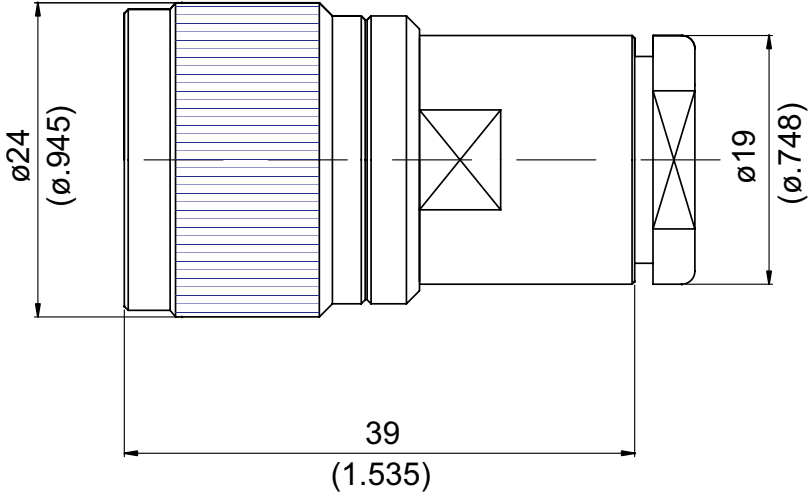


| HN3200-0213                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | HN Plug Clamp For RG213;<br>4GHz VSWR 1.2 | 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>Washer</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>Top Hat</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr> <tr> <td>Contact Pin</td><td>Brass</td><td>Silver 150 Over Copper 50</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> <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 | Washer | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 | Gasket | Silicon |  | Top Hat | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 | Contact Pin | Brass | Silver 150 Over Copper 50 | Insulator | Teflon |  | Body | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 | Coupling Nut | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |
| Parts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Material                                  | Plating(Micro-inch)                      |       |          |                     |     |       |                                          |        |       |                                          |        |         |  |         |       |                                          |             |       |                           |           |        |  |      |       |                                          |              |       |                                          |
| Nut                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Brass                                     | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |       |          |                     |     |       |                                          |        |       |                                          |        |         |  |         |       |                                          |             |       |                           |           |        |  |      |       |                                          |              |       |                                          |
| Washer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Brass                                     | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |       |          |                     |     |       |                                          |        |       |                                          |        |         |  |         |       |                                          |             |       |                           |           |        |  |      |       |                                          |              |       |                                          |
| Gasket                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Silicon                                   |                                          |       |          |                     |     |       |                                          |        |       |                                          |        |         |  |         |       |                                          |             |       |                           |           |        |  |      |       |                                          |              |       |                                          |
| Top Hat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Brass                                     | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |       |          |                     |     |       |                                          |        |       |                                          |        |         |  |         |       |                                          |             |       |                           |           |        |  |      |       |                                          |              |       |                                          |
| Contact Pin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Brass                                     | Silver 150 Over Copper 50                |       |          |                     |     |       |                                          |        |       |                                          |        |         |  |         |       |                                          |             |       |                           |           |        |  |      |       |                                          |              |       |                                          |
| Insulator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Teflon                                    |                                          |       |          |                     |     |       |                                          |        |       |                                          |        |         |  |         |       |                                          |             |       |                           |           |        |  |      |       |                                          |              |       |                                          |
| Body                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Brass                                     | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |       |          |                     |     |       |                                          |        |       |                                          |        |         |  |         |       |                                          |             |       |                           |           |        |  |      |       |                                          |              |       |                                          |
| Coupling Nut                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Brass                                     | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |       |          |                     |     |       |                                          |        |       |                                          |        |         |  |         |       |                                          |             |       |                           |           |        |  |      |       |                                          |              |       |                                          |
| Suitable Cables: RG213                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                          |       |          |                     |     |       |                                          |        |       |                                          |        |         |  |         |       |                                          |             |       |                           |           |        |  |      |       |                                          |              |       |                                          |

This part number complies with RoHS.

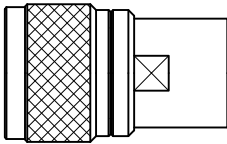
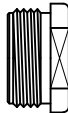
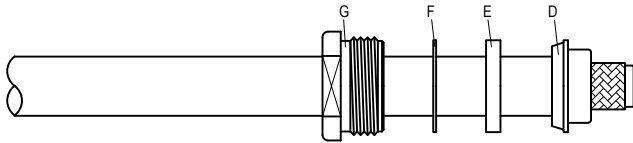
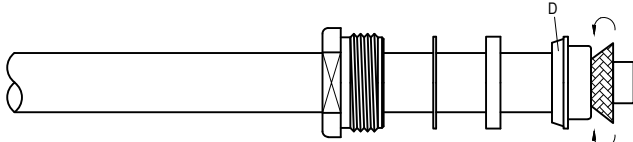
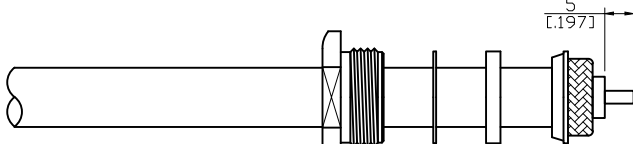
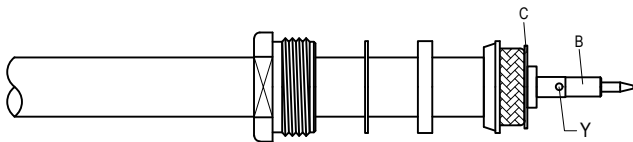
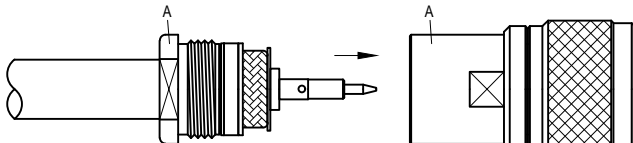
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

| HN                                                                                                                                                                                                                                                 | HN3200-0213                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <div>Interface</div> MIL-STD-348B                                                                                                                                                                                                                  |                                                                                                                             |
| <div>Electrical Data</div> 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 4GHz $\leq 1.2$ (DC-4GHz) $\leq 0.1$ dB $\geq 10000M\Omega$ $\leq 8m\Omega$ $\leq 2m\Omega$ 3500 V rms 2500 V rms |
| <div>Mechanical Data</div> Recommended coupling nut torque Coupling proof torque Durability (mating)                                                                                                                                               | 6.2 to 9.7 inch lbs 15 inch lbs $\geq 500$                                                                                  |
| <div>Environmental Data</div> 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 |
| <div>Tooling</div>                                                                                                                                                                                                                                 |                                                                                                                             |

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

# JYE BAO CO., LTD.

## CABLE ASSEMBLY INSTRUCTION

|                                                                                                                     |                                                                                   |                                                                                   |                                                                                                                             |                                                                                     |                                                                                     |                                                                                     |
|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| HN3200-0213                                                                                                         |                                                                                   |                                                                                   | DATE                                                                                                                        | 2017/03/27                                                                          | REV                                                                                 | —                                                                                   |
| A                                                                                                                   | B                                                                                 | C                                                                                 | D                                                                                                                           | E                                                                                   | F                                                                                   | G                                                                                   |
|                                    |  |  |                                            |  |  |  |
| BODY                                                                                                                | CONTACT PIN                                                                       | WASHER                                                                            | BRAID CLAMP                                                                                                                 | GASKET                                                                              | WASHER                                                                              | NUT                                                                                 |
| DIAGRAM                                                                                                             |                                                                                   |                                                                                   | ASSEMBLY INSTRUCTION                                                                                                        |                                                                                     |                                                                                     |                                                                                     |
|                                    |                                                                                   |                                                                                   | Step 1: STRIP AS SHOWN.                                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                                  |                                                                                   |                                                                                   | Step 2: SLIDE " G " 、 WASHER " F " 、 GASKET " E " AND BRAID CLAMP " D " OVER CABLE.                                         |                                                                                     |                                                                                     |                                                                                     |
|                                  |                                                                                   |                                                                                   | Step 3: WRAP THE BRAIDING OVER BRAID CLAMP " D ".                                                                           |                                                                                     |                                                                                     |                                                                                     |
|                                  |                                                                                   |                                                                                   | Step 4: STRIP AS SHOWN.                                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                                  |                                                                                   |                                                                                   | Step 5: SLIDE PREPARED CABLE INTO WASHER " C " .<br>Step 6: PUT CONTACT PIN " B " ON CENTER CONDUCTOR AND SOLDER IN " Y " . |                                                                                     |                                                                                     |                                                                                     |
|                                  |                                                                                   |                                                                                   | Step 7: FINALLY SCREW NUT " F " ON THE CONNECTOR BODY " A ".                                                                |                                                                                     |                                                                                     |                                                                                     |
| This part number complies with RoHS.<br>Notice: JYEBAO reserves the right to make modifications deemed appropriate. |                                                                                   |                                                                                   |                                                                                                                             |                                                                                     |                                                                                     |                                                                                     |
| APPROVED                                                                                                            |                                                                                   | CHECKED                                                                           |                                                                                                                             | DRAWING                                                                             |                                                                                     |                                                                                     |
|                                                                                                                     |                                                                                   |                                                                                   |                                                                                                                             | Albert                                                                              |                                                                                     |                                                                                     |

# HN3200-0213

S11

