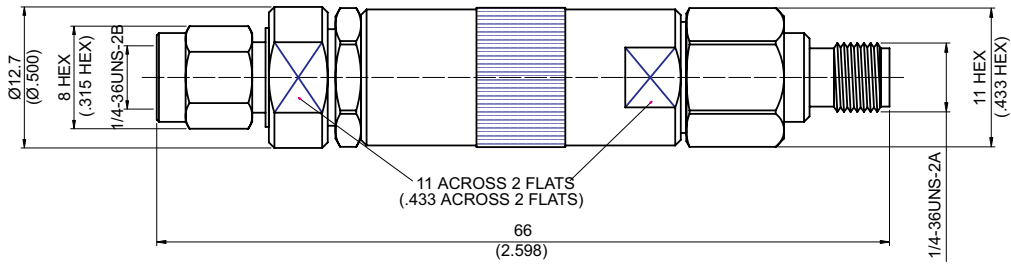


PTS-A3A8-18-15\*f

18GHz Phase adjustable SMA plug to SMA jack 50Ω  
15°\*f(GHz); 18Ghz VSWR 1.4



Operating Temp : -65° C/ +165° C  
0~6GHz: VSWR 1.15 Max  
6~12GHz: VSWR 1.25 Max  
12~18GHz: VSWR 1.4 Max

Typical Phase (Degrees)

| Part Number      | 1Ghz  | 2Ghz  | 3Ghz  | 4Ghz  | 5Ghz  | 6Ghz  | 7Ghz  | 8Ghz  | 9Ghz  |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PTS-A3A8-18-15*f | 15°   | 30°   | 45°   | 60°   | 75°   | 90°   | 105°  | 120°  | 135°  |
|                  | 10Ghz | 11Ghz | 12Ghz | 13Ghz | 14Ghz | 15Ghz | 16Ghz | 17Ghz | 18Ghz |
|                  | 150°  | 165°  | 180°  | 195°  | 210°  | 225°  | 240°  | 255°  | 270°  |

| Parts          | Material         | Plating (Micro-inch)                                  |
|----------------|------------------|---|
| Hex Nut        | Stainless Steel  | Passivated  |
| C Ring         | Stainless Steel  | Passivated  |
| Retainer Ring  | Beryllium Copper | Tin-Zinc-Copper-Alloy 100 Over Copper 50              |
| Gasket         | Silicon          |   |
| Contact Pin    | Beryllium Copper | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| Insulator      | Teflon           |   |
| Contact Body   | Stainless Steel  | Passivated  |
| Adjustment Nut | Stainless Steel  | Passivated  |
| Body           | Stainless Steel  | Passivated  |
| Coupling Nut   | Stainless Steel  | Passivated  |

Weight: 40.47 g

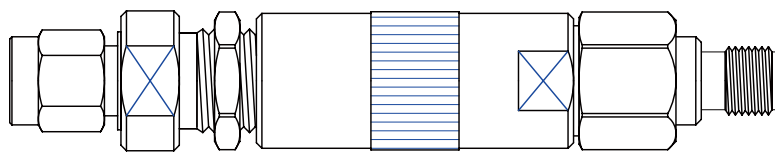
This part number complies with RoHS.

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

## PHASE TRIMMER INSTRUCTION

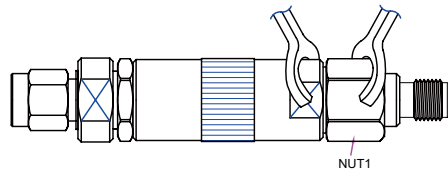
PTS-A3A8-18-15\*f

JYE BAO CO., LTD.

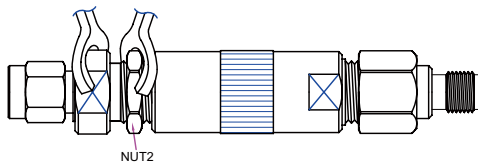


DIAGRAM

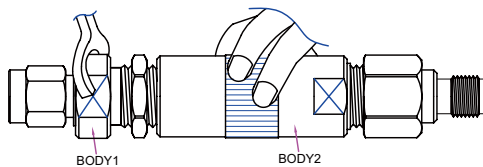
PHASE TRIMMER INSTRUCTIONS



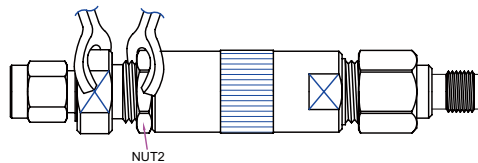
Step 1: LOOSEN NUT1 BEFORE ADJUSTING PHASE.  
USE SPANNER SIZE 11MM. (JYEBAO P/N: 11.0-13.0)



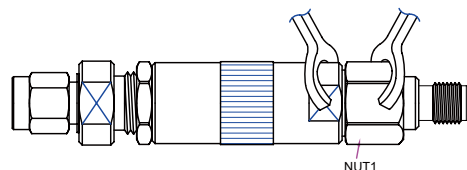
Step 2: LOOSEN NUT2 BEFORE ADJUSTING PHASE.  
USE SPANNER SIZE 11MM. (JYEBAO P/N: 11.0-13.0)



Step 3: ADJUST TO THE REQUIRED PHASE: KEEP BODY1  
IN A FIXED POSITION AND ADJUST PHASE BY  
MANUALLY TURNING BODY2.



Step 4: TIGHTEN NUT2 AFTER ADJUSTING PHASE.  
USE SPANNER SIZE 11MM. (JYEBAO P/N: 11.0-13.0)



Step 5: TIGHTEN NUT1 AFTER ADJUSTING PHASE.  
USE SPANNER SIZE 11MM. (JYEBAO P/N: 11.0-13.0)

This part number complies with RoHS.

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