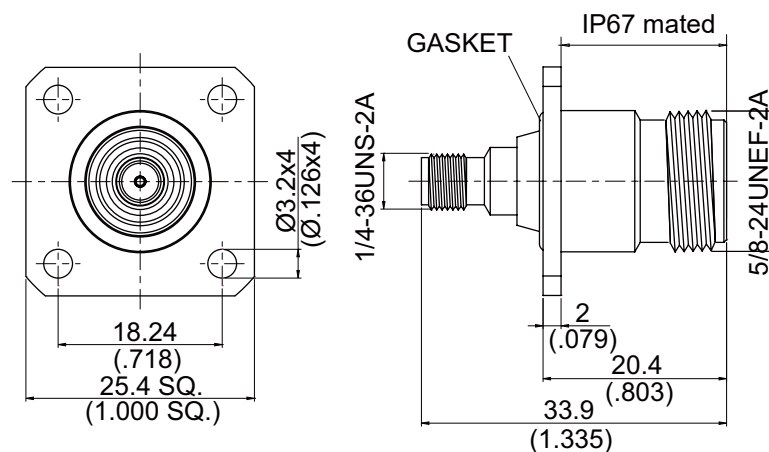


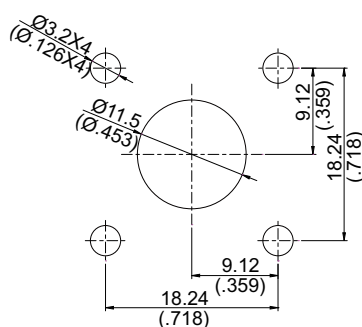
AD-A8N8L-P4

**SMA jack to N jack with 4-hole flange**  
IP67 mated; 18GHz VSWR 1.2

**50Ω**



**MOUNTING HOLE**



| Parts       | Material         | Plating (Micro-inch)                                   |
|-------------|------------------|--------------------------------------------------------|
| Gasket      | Silicone         |                                                        |
| Contact Pin | Beryllium Copper | Gold 4 Over Nickel-Phosphorous Alloy 80 Over Copper 20 |
| Insulator   | Teflon           |                                                        |
| Body(SMA)   | Brass            | Gold 4 Over Nickel-Phosphorous Alloy 80 Over Copper 20 |
| Body(N)     | Brass            | Tin-Zinc-Copper-Alloy 100 Over Copper 50               |

Weight:

This part number complies with RoHS.

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

| AD-A8N8L-P4                                    |                                      | SMA jack to N jack with 4-hole flange<br>IP67 mated; 18GHz VSWR 1.2 |              |
|------------------------------------------------|--------------------------------------|---------------------------------------------------------------------|--------------|
| Interface                                      |                                      | SMA                                                                 | N            |
| Standard                                       |                                      | MIL-STD-348B                                                        | MIL-STD-348B |
| Mechanically compatible with                   |                                      | 2.92 & 3.5                                                          |              |
| Electrical Data                                |                                      |                                                                     |              |
| Impedance                                      | 50Ω                                  |                                                                     |              |
| Frequency Range                                | DC To 18GHz                          |                                                                     |              |
| VSWR                                           | ≤ 1.2 (DC To 18GHz)                  |                                                                     |              |
| Insertion Loss                                 | ≤ 0.04 x √f(GHz) dB                  |                                                                     |              |
| Insulation Resistance                          | ≥ 5000MΩ                             |                                                                     |              |
| Dielectric Withstanding Voltage (at sea level) | 1500 V rms                           |                                                                     |              |
| Working Voltage (at sea level)                 | 500 V rms                            |                                                                     |              |
| Mechanical Data                                |                                      |                                                                     |              |
|                                                | SMA                                  | N                                                                   |              |
| Recommended Coupling Nut Torque                | 4 in-lbs                             | 6 to 10 in-lbs                                                      |              |
| Coupling Proof Torque                          | 5.3 in-lbs                           | 15 in-lbs                                                           |              |
| Contact Captivation-axial                      | ≥ 6.1 lbs                            | ≥ 6.3 lbs                                                           |              |
| Durability (mating)                            | ≥ 100                                | ≥ 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 206              |                                                                     |              |
| Corrosion                                      | MIL-STD-202, Method 101, Condition B |                                                                     |              |
| RoHS                                           | Compliant                            |                                                                     |              |

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