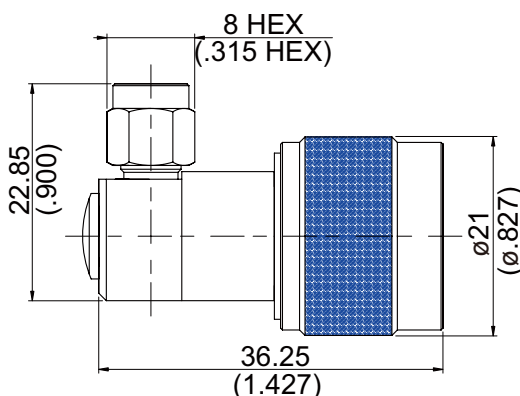


AL-A3N3

SMA Plug To N Plug Right Angle
6GHz VSWR 1.2

50Ω



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

Weight:

This part number complies with RoHS.

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

| AL-A3N3 | | SMA Plug To N Plug Right Angle 6GHz 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 6GHz | |
| VSWR | | ≤ 1.2 (DC To 6GHz) | |
| Insertion Loss | | ≤ 0.07 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 |
| Coupling Nut Retention Force | | ≥ 60.7 lbs | ≥ 101.2 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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