

| AD-A3N3 | SMA Plug To N Plug 11GHz VSWR 1.2 | | 50Ω |
|-------------------|--------------------------------------|---|-----|
| | | | |
| Parts | Material | Plating (Micro-inch) | |
| Renber Ring | Beryllium Copper | Tin-Zinc-Copper-Alloy 100 Over Copper 50 | |
| Coupling Nut(SMA) | Brass | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 | |
| Renber Ring | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 | |
| Gasket | Silicon | | |
| Contact Pin | Brass | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 | |
| Insulator | Teflon | | |
| Body(SMA) | Brass | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 | |
| Body(N) | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 | |
| Coupling Nut(N) | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 | |
| Weight: 32.56 g | | | |

This part number complies with RoHS.

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|--|--|-----|-----|--------------|--------------|----------------|------------|-----------|------------|-------------|-----------|-----------|-------|-------|
| <div data-bbox="129 344 531 394" style="border: 1px solid black; padding: 2px;">Interface</div> <p data-bbox="129 398 531 488">Standard Mechanically compatible with</p> | <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th data-bbox="783 344 1123 394">SMA</th> <th data-bbox="1123 344 1481 394">N</th> </tr> </thead> <tbody> <tr> <td data-bbox="783 398 1123 443">MIL-STD-348B</td> <td data-bbox="1123 398 1481 443">MIL-STD-348B</td> </tr> <tr> <td data-bbox="783 443 1123 488">2.92 & 3.5</td> <td data-bbox="1123 443 1481 488"></td> </tr> </tbody> </table> | SMA | N | MIL-STD-348B | MIL-STD-348B | 2.92 & 3.5 | | | | | | | | |
| SMA | N | | | | | | | | | | | | | |
| MIL-STD-348B | MIL-STD-348B | | | | | | | | | | | | | |
| 2.92 & 3.5 | | | | | | | | | | | | | | |
| <div data-bbox="129 604 531 654" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <p data-bbox="129 658 531 981">Impedance Frequency Range VSWR Insertion Loss Insulation Resistance Dielectric Withstanding Voltage (at sea level) Working Voltage (at sea level)</p> | <p data-bbox="783 658 1481 703">50Ω</p> <p data-bbox="783 707 1481 752">DC To 11GHz</p> <p data-bbox="783 757 1481 801">≤ 1.2 (DC To 11GHz)</p> <p data-bbox="783 806 1481 851">≤ 0.04 x √f(GHz) dB</p> <p data-bbox="783 855 1481 900">≥ 5000MΩ</p> <p data-bbox="783 904 1481 949">1500 V rms</p> <p data-bbox="783 954 1481 999">500 V rms</p> | | | | | | | | | | | | | |
| <div data-bbox="129 1102 531 1151" style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <p data-bbox="129 1205 531 1438">Recommended Coupling Nut Torque Coupling Proof Torque Coupling Nut Retention Force Contact Captivation-axial Durability (mating)</p> | <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th data-bbox="783 1160 1123 1209">SMA</th> <th data-bbox="1123 1160 1481 1209">N</th> </tr> </thead> <tbody> <tr> <td data-bbox="783 1214 1123 1258">4 in-lbs</td> <td data-bbox="1123 1214 1481 1258">6 to 10 in-lbs</td> </tr> <tr> <td data-bbox="783 1263 1123 1308">5.3 in-lbs</td> <td data-bbox="1123 1263 1481 1308">15 in-lbs</td> </tr> <tr> <td data-bbox="783 1312 1123 1357">≥ 60.7 lbs</td> <td data-bbox="1123 1312 1481 1357">≥ 101.2 lbs</td> </tr> <tr> <td data-bbox="783 1361 1123 1406">≥ 6.1 lbs</td> <td data-bbox="1123 1361 1481 1406">≥ 6.3 lbs</td> </tr> <tr> <td data-bbox="783 1411 1123 1456">≥ 100</td> <td data-bbox="1123 1411 1481 1456">≥ 500</td> </tr> </tbody> </table> | | SMA | N | 4 in-lbs | 6 to 10 in-lbs | 5.3 in-lbs | 15 in-lbs | ≥ 60.7 lbs | ≥ 101.2 lbs | ≥ 6.1 lbs | ≥ 6.3 lbs | ≥ 100 | ≥ 500 |
| SMA | N | | | | | | | | | | | | | |
| 4 in-lbs | 6 to 10 in-lbs | | | | | | | | | | | | | |
| 5.3 in-lbs | 15 in-lbs | | | | | | | | | | | | | |
| ≥ 60.7 lbs | ≥ 101.2 lbs | | | | | | | | | | | | | |
| ≥ 6.1 lbs | ≥ 6.3 lbs | | | | | | | | | | | | | |
| ≥ 100 | ≥ 500 | | | | | | | | | | | | | |
| <div data-bbox="129 1554 531 1603" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <p data-bbox="129 1608 531 1832">Temperature Range Thermal Shock Moisture Resistance Corrosion RoHS</p> | <p data-bbox="783 1608 1481 1653">-65°C to +165°C</p> <p data-bbox="783 1657 1481 1702">MIL-STD-202, Method 107, Condition B</p> <p data-bbox="783 1706 1481 1751">MIL-STD-202, Method 206</p> <p data-bbox="783 1756 1481 1800">MIL-STD-202, Method 101, Condition B</p> <p data-bbox="783 1805 1481 1850">Compliant</p> | | | | | | | | | | | | | |

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