

| ADS-PC3PC3-1.15  |                  | 3.5mm Plug To 3.5mm Plug<br>34.5GHz VSWR 1.15 | 50Ω       |  |
|--|------------------|---|-----------|--|
| AF 7L276J<br>VERTIC S<br>VERTIC S<br>VERTI |                  |   |           |  |
| Parts  | Material         | Plating ( Micro-inch )                        |           |  |
| Retainer Ring  | Beryllium Copper | Tin-Zinc-Copper-Alloy 100 Over Copper 50      |           |  |
| Gasket   | Silicone         |   |           |  |
| Contact Pin  | Beryllium Copper | Gold 4 Over Nickel-Phosphorus Alloy 80 Over   | Copper 20 |  |
| Insulator  | PPO              |   |           |  |
| Body   | Stainless Steel  | Passivated                                    |           |  |
| Coupling Nut   | Stainless Steel  | Passivated                                    |           |  |
|  |                  |   |           |  |

This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.



| ADS-PC3PC3-1.15                       | 3                  | 5mm Plug To 3.5mm Plug<br>34.5GHz VSWR 1.15 |
|---------------------------------------|--------------------|---|
| Interface                             |                    |   |
| Standard                              |                    | IEC60169-23                                 |
| Mechanically compatible with          |                    | 2.92 & SMA                                  |
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|                                       |                    |   |
| Electrical Data                       |                    |   |
| Impedance                             |                    | 50Ω   |
| Frequency Range                       |                    | DC to 34.5GHz                               |
| VSWR                                  |                    | $\leq$ 1.15 (DC To 34.5GHz)                 |
| Insertion Loss                        |                    | ≦0.05 x √f(GHz) dB                          |
| Insulation Resistance                 |                    | $\geq$ 5000M $\Omega$                       |
| Dielectric Withstanding Volta         | age (at sea level) | 1000 V rms                                  |
| Working Voltage (at sea leve          | el)                | 335 V rms                                   |
| RF Leakage                            |                    | $\geq$ 100dB to 1GHz                        |
|                                       |                    |   |
|                                       |                    |   |
| Mechanical Data                       |                    |   |
| Recommended Coupling Nu               | t Torque           | 7.1 to 9.7 in-lbs                           |
| Coupling Proof Torque                 |                    | 15 in-lbs                                   |
| Coupling Nut Retention Ford           | e                  | $\geq$ 60.7 lbs                             |
| Contact Captivation-axial             |                    | $\geq$ 6.1 lbs                              |
| Durability (mating)                   |                    | ≧500  |
|                                       |                    |   |
|                                       |                    |   |
| Environmental Data                    |                    |   |
| Temperature Range                     |                    | -55°C to +105°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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