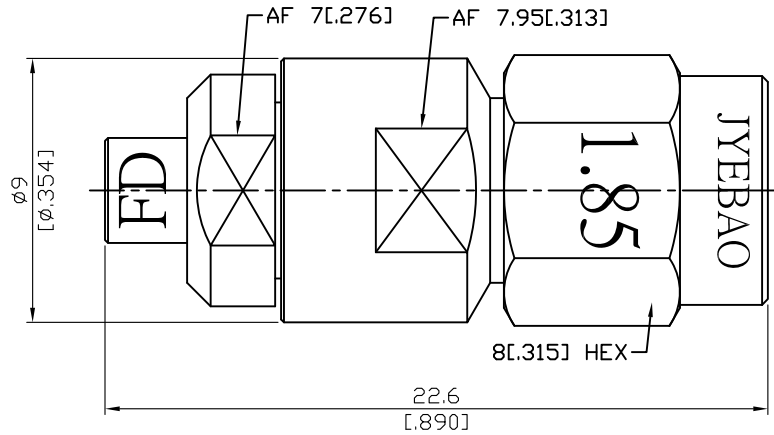


ADS-PMF3-1.85/3

SMPM Plug Full Detent To 1.85mm Plug
65GHz VSWR 1.5

50Ω



| 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-PMF3-1.85/3 | | SMPM Plug Full Detent To 1.85mm Plug 65GHz VSWR 1.5 | |
|--|--|--|----------------------------|
| Interface | | 1.85 | SMPM |
| Standard | | IEEE287; IEC61169-32 | MIL-STD-348B |
| Mechanically compatible with | | 2.4 | |
| Electrical Data | | | |
| Impedance | | 50Ω | |
| Frequency Range | | DC to 65GHz | |
| VSWR | | ≤ 1.5 (DC to 65GHz) | |
| Insertion Loss | | ≤ 0.05 x √f(GHz) dB | |
| Insulation Resistance | | ≥ 5000MΩ | |
| Dielectric Withstanding Voltage (at sea level) | | 325 V rms | |
| Mechanical Data | | 1.85 | SMPM |
| | | | Full detent Smooth bore |
| Recommended Coupling Nut Torque | | 7.08 to 9.74 inch lbs | NA NA |
| Coupling Proof Torque | | 15 in-lbs | NA NA |
| Contact Captivation-axial | | ≥ 4.5 lbs | ≥ 1.5 lbs ≥ 1.5 lbs |
| Durability (mating) | | ≥ 500 | ≥ 100 ≥ 1000 |
| Engagement Force | | NA | 3.5 lbs typ 1.5 lbs typ |
| Disengagement Force | | NA | 5.0 lbs typ 1.5 lbs typ |
| 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 | |