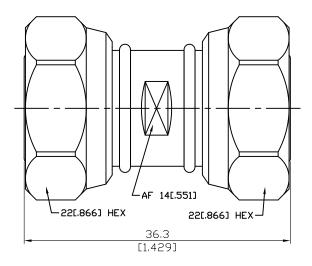


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AD-4.3A/3-4.3A/3-LP

Low PIM 4.3-10 Plug To 4.3-10 Plug, IP67 Mated, 6GHz VSWR 1.1

50Ω



Intermodulation ≥ 165 dBC

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



AD-4.3A/3-4.3A/3-LP

Low PIM 4.3-10 Plug To 4.3-10 Plug, IP67 Mated, 6GHz VSWR 1.1

Interface

Standard IEC 61169-54

Electrical Data

Impedance 50Ω

Frequency Range DC to 6GHz

VSWR \leq 1.1 (DC To 6GHz) Insertion Loss \leq 0.05 x \sqrt{f} (GHz) dB

Insulation Resistance $\ge 5000 \text{M}\Omega$ Dielectric Withstanding Voltage (at sea level) $\ge 5000 \text{ V rms}$ Working Voltage (at sea level) $\ge 500 \text{ V rms}$

Mechanical Data

Recommended Coupling Nut Torque 44 in-lbs (Screw Type)
Coupling Nut Torque 70 in-lbs (Screw Type)

Coupling Nut Retention Force ≥ 101.2 lbs Contact Captivation-axial ≥ 6.3 lbs Durability (mating) ≥ 100

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

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