





	Parts	Material	Plating (Micro-inch)
	Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
	Insulator	Teflon	
_	Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
	Coupling Nut	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Weight: 4.49 g

This part number complies with RoHS.

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



AD-MC3MC3

SMC Plug To SMC Plug
10GHz VSWR 1.2

Interface

Standard MIL-STD-348B

Electrical Data

Impedance 50Ω

Frequency Range DC To 10GHz

VSWR \leq 1.2 (DC To 10GHz) Insertion Loss \leq 0.1 x \sqrt{f} (GHz) dB

Insulation Resistance $\ge 10000 \text{M}\Omega$ Dielectric Withstanding Voltage (at sea level) 750 V rms Working Voltage (at sea level) 250 V rms

Mechanical Data

Recommended Coupling Nut Torque 2.2 to 3.1 in-lbs

Coupling Proof Torque6.2 in-lbsCoupling Nut Retention Force ≥ 33.72 lbsContact Captivation-axial ≥ 2.25 lbsDurability (mating) ≥ 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

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