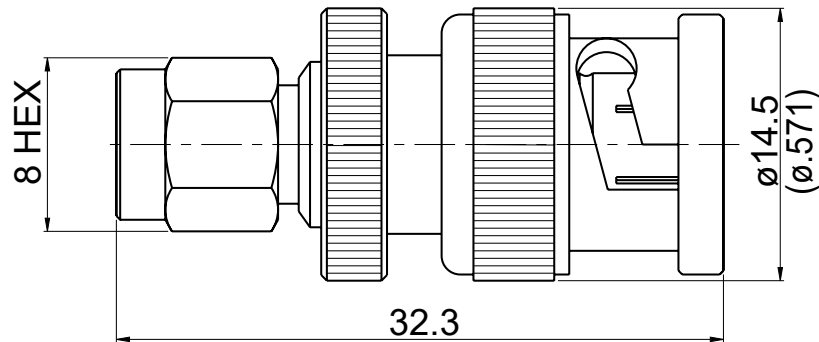


AD-A3B3

SMA Plug to BNC Plug
8GHz VSWR 1.2

勝特力電材超市-龍山店 886-3-5773766
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 勝特力電子(深圳) 86-755-83298787
<http://www.100y.com.tw>

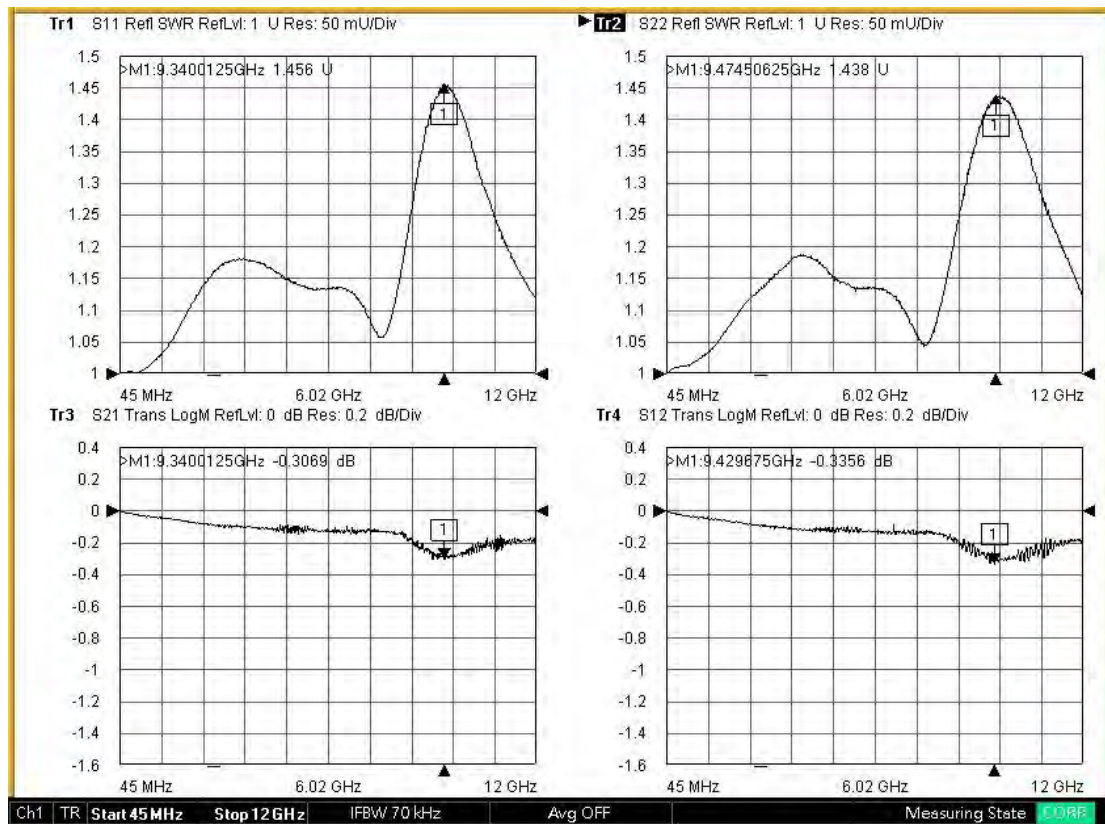


Parts	Material	Plating (Micro-inch)
Coupling Nut(SMA)	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Body(SMA)	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Renber Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicon	
Spring	SK5	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body(BNC)	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Coupling Nut(BNC)	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Weight: 14.72 g

AD-A3B3		SMA Plug to BNC Plug 8GHz VSWR 1.2	
Interface		SMA	BNC
Standard		MIL-STD-348B	MIL-STD-348B
Mechanically compatible with		2.92 & 3.5	
Electrical Data			
Impedance		50Ω	
Frequency Range		DC To 8GHz	
VSWR		≤ 1.2 (DC To 8GHz)	
Insertion Loss		≤ 0.05 x √f(GHz) dB	
Insulation Resistance		≥ 5000MΩ	
Dielectric Withstanding Voltage (at sea level)		1500 V rms	
Working Voltage (at sea level)		500 V rms	
Mechanical Date		SMA	BNC
Recommended Coupling Nut Torque		4 in-lbs	0.6 to 2.5 in-lbs
Coupling Proof Torque		5.3 in-lbs	NA
Coupling Nut Retention Force		≥ 60.7 lbs	≥ 101.2 lbs
Contact Captivation-axial		≥ 6.1 lbs	≥ 6.1 lbs
Durability (mating)		≥ 100	≥ 500
Environmental Data			
Temperature Range		-65°C to +165°C	
Thermal Shock		MIL-STD-202, Method	
Moisture Resistance		MIL-STD-202, Method	
Corrosion		MIL-STD-202, Method	
RoHS		Compliant	

AD-A3B3



Note: S11/S12/S21/S22 plots shown represent IL and VSWR of two adaptors tested.
To extract IL of a single adaptor divide IL measured by two.

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