



SSMA specification sheet

Electrical characteristics		
Impedance		50 Ω
Maximum frequency		18 GHz
Working voltage		250 V _{RMS} max.
Dielectric withstanding voltage		750 V _{RMS} min.
VSWR	Straight	1.2+[0.03xF (GHz)] max.
	Right angle	1.2+[0.033xF (GHz)] max.
Contact resistance	Centre contact	6 m Ω max.
	Outer contact	2.5 m Ω max.
Insulator resistance		1000 M Ω min.

Materials			
Part name		Material	Finish
Body, metal parts		Brass per QQ-B-626	Gold 3 μ "
Centre contact	Male	Brass per QQ-B-626	Gold 30 μ "
	Female	Beryllium copper per QQ-C-530	Gold 30 μ "
Insulator		Teflon	None
Crimp ferrule		Annealed brass	Gold 3 μ "

Note: Other materials or finishes may be available on request

Mechanical & environmental characteristics	
Engagement force	2 in-lbs max.
Disengagement force	2 in-lbs max.
Coupling nut retention	22.5 lbs min.
Coupling proof torque	5 in-lbs min.
Contact retention	4 lbs min
Durability (mating cycles)	500 cycles min.
Temperature range	-55 °C to 105 °C
Vibration	MIL-STD-202 method 204 test cond. B
Salt spray	MIL-STD-202 method 101 test cond. B
Thermal shock	MIL-STD-202 method 107 test cond. B