

SMA Plug for RG405 0.086" Cable (Stainless Steel body)

CONFIGURATION:

- SMA male connector
- MIL-STD-348A
- 50 ohm
- Straight body
- RG405, Plexiform405, PE-SR405 interface type
- Solder/Solder attachment
- 5/16 inch Hex

Description	Min.	Max.
Frequency Range:	DC	18 GHz
VSWR		1.22
Operating Voltage (AC)		335 Vrms



Scope:

The SMA can be constructed with either Brass or Stainless Steel bodies. Originally SMA's were almost always stainless steel; for military applications, stainless steel is usually called out. A key difference between the 2 materials is the torque required for proper mating; an sma torque wrench for stainless steel adapters requires about 8 in-lbs torque; brass sma's are tightened to 5 in-lbs; using an 8 in-lb torque wrench on a brass sma will twist the head of the connector off

Technical characteristics	
Contact resistance	
Centre Contact	≤3mΩ
Outer Contact	≤2mΩ
Insulation resistance	≥5000 mΩ
Insertion loss	≥0.15 dB/6GHz
VSWR	≤1.22
Durability(mating)	≥ 500 (cycles)
Temp.range	-65 ~ +165 (PE Cable ~ +85)
Vibration	MIL-STD-202,Method 213

MATERIAL & PLATING	
shell	Stainless
inner conductor	beryllium or tin brass gold plated
insulator	PTFE

Note:

APPLICABLE STANDARD

- MIL-C-39012;
- CECC 22110;
- IEC 60169-15.

