

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 of 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 \sim +165 (PE Cable - \sim +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.



	۵	 D	0	9 >	
All province on release as the donal of are the project of NCCR0101 PTLLCQ.	RACOMTECH PTY LTD wete-www.aszentech.com ARN: 51867385403 Tit: +64-3-88020256 Fea: +64-3-88020256 fea: +64-3-88027855 emil: selectroastich.com.au Info@recontech.com.au	5) Recommended the coupling torque 0-bitm	 2) Place the contact over the center conductor using spacer as shown, solder the contact to the center conductor 3) Insert the cable into the connector body until fully engaged 4) Solder the outer conductor to the connector body 	ASSEMBLY PROCEDURES 1) Strip the cable as shown, Don't nick the cable center	~
ĩ	TICLANES SOLUTION		ing spacer tully ody	center	~
*	International and a second and				*
*	, 11 9907 ⁶ 1071		Solder -2.50mm	Salder	
	SMA Plug for RG405 Cable 18GHz			Ш 	•
2	2	 ũ	0	1	2