

SENSORVIEW SMA series meets MIL STD 348. SMA connectors are constructed in male or female gender in standard polarity, reverse polarity (RPSMA / RP-SMA) with 50 Ohm impedance. Types of SMA are available in straight, right angle as well as, press in, bulkhead, 2 hole panel, 4 hole panel, End Launch, edge mount etc.

Characteristics

Electrical Characteristics	
Impedance	50 Ω
Frequency range	DC ~ 18GHz
VSWR max.	< 1.22
Insertion Loss	0.05 X √F[GHz]
RF Leakage	-90 dB max
Voltage rating	350 V rms, sea level

Environmental Characteristics	
Temperature range	-55°C~125°C
Thermal shock	MIL STD 202, method 107, Condition B
Vibration	MIL STD 202, method 204, Condition D
Corrosion	MIL STD 202, method 101, Condition B
Moisture resistance	MIL STD 202, method 106
Shock	MIL STD 202, method 213, Condition I

Materials and Plating		
	Material	Plating
Body	Brass	Gold on Nickel
Center contact	BeCu	Gold on Nickel
Insulator	PTFE	-

Mechanical Characteristics	
Durability	500 mating
Engage / Disengage	< 23 N cm
Mating torque	80 ~ 110 N cm
Coupling nut retention	270 N

Pictures



P/N : SMA(F)_PCBM01



P/N : SMA(F)_PCBM02



P/N : SMA(M)_RA_PCBM01



P/N : SMA(M)_PCBM01



P/N : SMA(M)_2HP_02

End Launch SMA



P/N : SMA(F)_ELC01

Specifications :

Characteristic Impedance	50 ± 1 Ohm
Operating Frequency	DC ~ 18GHz
Max. VSWR	1.25 : 1
Working Voltage	170 VRMS MAX @ Sea level
Engage/Disengage Torque	2 Inch-Pounds max.

