



SMA-CA SERIES

50Ω SMA COMPONENTS

SPECIFICATIONS

For complete specifications and assembly instructions see www.samtec.com?SMA-CA

Shell Material:

Brass
Contact Material:
Brass

Center Contact:
Soldered

Outer Ferrule:
Crimped

Operating Temperature:
-65°C to +125°C

Voltage Rating:
335V

Dielectric Withstanding Voltage:
1,000 Vrms

Frequency Range:
0-6 GHz
(Cable dependent)

Contact Resistance:
Center Contact: 6mΩ max
Outer Contact: 2mΩ max

Insulator Resistance:
5,000 MΩ

Impedance:
50Ω

SMA	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
	-J = Jack	-C = Cable	-H = 30μ" (0,76 μm) Gold center contact, 3μ" (0,08 μm) Gold outer contact (N/A with -BH1S)	-ST = Straight	-BH1 = Bulkhead RG 174 / 316 Cable
		-C4 = Cable 4-Mounting Screws (-PN1 only)	-HF = 30μ" (0,76 μm) Gold center contact, 3μ" (0,08 μm) Gold outer contact (-BH1S only)		-BH2 = Bulkhead RG 178 Cable
					-B10 = Bulkhead RG 58 Cable
					-BR1 = Bulkhead RG 178 Cable, Reversed Polarity
					-PN1 = 4-Hole Panel Mount RG 174 / 316 Cable
					-S10 = Sealed Bulkhead RG 58 Cable

Supplied with pins, washers, nuts and ferrules. See website for dimensions.

SMA	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
	-P = Plug	-C = Cable	-H = 30μ" (0,76 μm) Gold center contact, 3μ" (0,08 μm) Gold outer contact (-CA1 only)	-ST = Straight	-CA1 = RG 174 / 316 Cable
			-HF = 30μ" (0,76 μm) Gold center contact, 3μ" (0,08 μm) Gold outer contact (-CA7, -CA9, -C10, -CA1S only)	-RA = Right Angle	-CA7 = RG 405 (.086" DIA) Semi-flexible Cable
					-CA9 = RG 402 (.141" DIA) Semi-flexible Cable
					-C10 = RG 58 Cable (-ST only)
					-CA1S = RG 316 Double Shielded Cable (-ST only)

Supplied with pins and ferrules. See website for dimensions.

Due to technical progress, all designs, specifications and components are subject to change without notice.