


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:

0-20 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 -C4 = Cable 4-Mounting Screws (-PN1 only)	-H = 30μ" (0.76 μm) Gold center contact, 3μ" (0.08 μm) Gold outer contact (N/A with -BH1S) -HF = 30μ" (0.76 μm) Gold center contact, 3μ" (0.08 μm) Gold outer contact (-BH1S only)	-ST = Straight	-BH1 = Bulkhead RG 174 / 316 Cable -BH2 = Bulkhead RG 178 Cable -BR1 = Bulkhead RG 174 / 316, Reversed Polarity -BR2 = Bulkhead RG 178 Cable, Reversed Polarity -BH1S = Bulkhead RG 316 Cable, Double Shield -B10 = Bulkhead RG 58 Cable -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, -CA10 only) -HF = 30μ" (0.76 μm) Gold center contact, 3μ" (0.08 μm) Gold outer contact (-CA7, -CA9, -CA1S only)	-ST = Straight -RA = Right Angle	-CA1 = RG 174 / 316 Cable -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.