

# 50 Ω SMA TO 6 GHz

## SMA Cable Assemblies

RF174, RF178, RF316, RS316, RF058



SERIES	END 1 CONNECTOR	END 2 CONNECTOR	OVERALL LENGTH
<b>RF174</b> = RG 174 Cable	<b>-01SP1</b> = SMA Straight Plug		<b>-“XXXX”</b> = Overall Length in millimeters
<b>RF178</b> = RG 178 Cable (-01BJ1 & -01BR1 only)	<b>-01RP1</b> = SMA Right-angle Plug		-0100 (100 mm) 3.94" minimum
<b>RF316</b> = RG 316 Cable, Single Braid Shield	<b>-01BJ1</b> = SMA Straight Bulkhead Jack		
<b>RS316</b> = RG 316 Cable, Double Shield (-01SP1 & -01BJ1 only)	<b>-01SB1</b> = Straight Bulkhead Jack, Sealed		
<b>RF058</b> = RG 58 Cable, (-01SP1, -01BJ1 & 01SB1 only)	<b>-01SR1</b> = Straight Bulkhead Jack, Sealed, Reversed Polarity		
	<b>-01BR1</b> = Straight Bulkhead Jack, Reversed Polarity		
	<b>-01PN1</b> = 4-Hole Panel Mount Jack		

### ALSO AVAILABLE

50 Ω: MCX, MMCX, SMB, BNC, TNC, N Type = RF174, RF178, RF316

50 Ω: MCX, MMCX, BNC, TNC = RS316

50 Ω: TNC = RF058

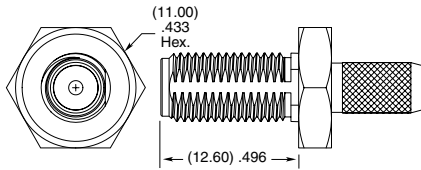
## SMA Cable Connectors

SMA-CA



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

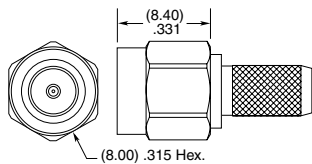
SMA	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
	<b>-J</b> = Jack	<b>-C</b> = Cable  <b>-C4</b> = Cable 4-Mounting Screws (-PN1 only)	<b>-H</b> = 30 μm (0.76 μm) Gold center contact, 3 μm (0.08 μm) Gold outer contact (N/A with -BH1S)  <b>-HF</b> = 30 μm (0.76 μm) Gold center contact, 3 μm (0.08 μm) Gold outer contact (-BH1S only)	<b>-ST</b> = Straight	<b>-BH1</b> = Bulkhead RG 174 / 316 Cable  <b>-BH2</b> = Bulkhead RG 178 Cable  <b>-BR1</b> = Bulkhead RG 174 / 316, Reversed Polarity  <b>-BR2</b> = Bulkhead RG 178 Cable, Reversed Polarity
					<b>-BH1S</b> = Bulkhead RG 316 Cable, Double Shield  <b>-B10</b> = Bulkhead RG 58 Cable  <b>-PN1</b> = 4-Hole Panel Mount RG 174 / 316 Cable  <b>-S10</b> = Sealed Bulkhead RG 58 Cable



## SMA Board Connectors

See page 145 for Board Connectors

SMA	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
	<b>-P</b> = Plug	<b>-C</b> = Cable	<b>-H</b> = 30 μm (0.76 μm) Gold center contact, 3 μm (0.08 μm) Gold outer contact (-CA1, -C10 only)  <b>-HF</b> = 30 μm (0.76 μm) Gold center contact, 3 μm (0.08 μm) Gold outer contact (-CA1S only)	<b>-ST</b> = Straight  <b>-RA</b> = Right-angle	<b>-CA1</b> = RG 174 / 316 Cable  <b>-C10</b> = RG 58 Cable (-ST only)  <b>-CA1S</b> = RG 316 Double Shielded Cable (-ST only)



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

# Mouser Electronics

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[SMA-P-C-H-ST-CA1](#)