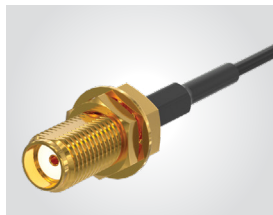


50 Ω SMA TO 6 GHz

SMA Cable Assemblies

RF174, RF178, RF316, RS316, RF058



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



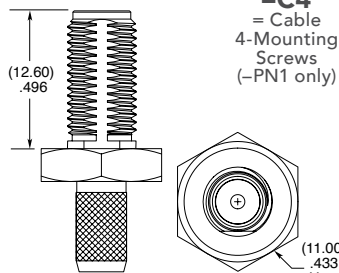
Supplied with pins, washers, nuts and ferrules. See website for dimensions.

SMA	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION	PACKAGING	
	-J = Jack	-C = Cable -C4 = Cable 4-Mounting Screws (-PN1 only)	-H = 30 μ" (0.76 μm) Gold center contact, 3 μ" (0.08 μm) Gold outer contact (N/A with -BH1S)	-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	Leave blank for individually bagged. -B = Bulk packaged (-BH1 only)

(12.60)
.496

(11.00)
.433
Hex.

-S10 -B10



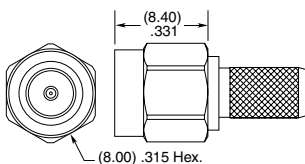
-S10, -B10



SMA Board Connectors

See page 18 for Board Connectors

SMA	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION	PACKAGING
	-P = Plug	-C = Cable	-H = 30 μ" (0.76 μm) Gold center contact, 3 μ" (0.08 μm) Gold outer contact (-CA1, -C10 only) -HF = 30 μ" (0.76 μm) Gold center contact, 3 μ" (0.08 μm) Gold outer contact (-CA1S only)	-ST = Straight -RA = Right-angle	-CA1 = RG 174 / 316 Cable -C10 = RG 58 Cable (-ST only) -CA1S = RG 316 Double Shielded Cable (-ST only)	Leave blank for individually bagged. -B = Bulk packaged (-CA1 only)



-ST-C10

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec:](#)

<u>RF316-01SP1-01SP1-0700</u>	<u>RF316-01SP1-01SP1-1200</u>	<u>RF316-01SP1-SING-0300</u>	<u>RF316-01SP1-05BJ3-0200</u>
<u>RF316-01BJ1-01RP1-0152</u>	<u>RF316-01RP1-06BJ2-0152</u>	<u>RF316-01RP1-06BJ2-0305</u>	<u>RF316-01SB1-02RP1-0152</u>
<u>RF316-01RP1-04SP3-0152</u>	<u>RF316-01SB1-03SP1-0305</u>	<u>RF316-01SP1-06BJ2-0610</u>	<u>RF316-01RP1-05BJ3-0305</u>
<u>RF316-01BJ1-01SB1-0152</u>	<u>RF316-01BJ1-01SB1-0305</u>	<u>RF316-01BJ1-07RP1-0152</u>	<u>RF316-01BJ1-07RP1-0305</u>
<u>RF316-01PN1-01RP1-0152</u>	<u>RF316-01RP1-02RP1-0152</u>	<u>RF316-01SB1-03SP1-0152</u>	<u>RF316-01SB1-03RP1-0152</u>
<u>RF316-01RP1-03SP1-0152</u>	<u>RF316-01SP1-03RP1-0305</u>	<u>RF316-01SP1-07SP1-0305</u>	<u>RF316-01BJ1-03RP1-0305</u>
<u>RF316-01SP1-04SP3-0915</u>	<u>RF316-01SP1-06BJ2-0305</u>	<u>RF316-01RP1-03RP1-0152</u>	<u>RF316-01SP1-01SP1-0152</u>
<u>RF316-01SP1-01SP1-0305</u>	<u>RF316-01SP1-01SP1-0915</u>	<u>RF316-01SP1-03RP1-0152</u>	<u>RF316-01BJ1-03SP1-0152</u>
<u>RF316-01BJ1-03SP1-0305</u>	<u>RF316-01BJ1-07RP1-0127</u>	<u>RF316-01SP1-04SP3-0305</u>	<u>RF316-01SP1-07SP1-0610</u>
<u>RF316-01SP1-07SP1-0915</u>	<u>RF316-01BJ1-01SP1-0305</u>	<u>RF316-01BJ1-03RP1-0152</u>	<u>RF316-01RP1-02RP1-0305</u>
<u>RF316-01RP1-03RP1-0305</u>	<u>RF316-01RP1-03SP1-0305</u>	<u>RF316-01RP1-04SP3-0305</u>	<u>RF316-01RP1-05BJ3-0152</u>
<u>RF316-01SB1-02RP1-0305</u>	<u>RF316-01SB1-03RP1-0305</u>	<u>RF316-01SP1-04SP3-0152</u>	<u>RF316-01SR1-03RP1-0152</u>
<u>RF316-01SR1-03RP1-0305</u>	<u>RF316-01BJ1-01RP1-0305</u>	<u>RF316-01RP1-04BJ2-0200</u>	