



**Note:** Semi-precision, subminiature units (Can be mated with all SMA connectors that meet military specifications mating diameters).

SMA Stainless Steel Body Connectors

Excellent electrical performance from DC to 18 GHz. Contacts are gold plated. The body is stainless steel and plating is either gold or passivated. TFE insulations. 0.250-36 threaded coupling. 50 ohm impedance.

SMA Straight Plugs — Semi-Rigid Cables, Solder Attachment

Stock No.	Mfr.'s Type	Fig.	RG/U Cable	EACH	
				1-24	25-99
713-4200	901-9723*	1	0.085 (2.2 mm) RG-405 (M17/133)	5.52	4.47
713-4201	901-9201-1A†	2	0.141 (3.6 mm) RG-402 (M17/130)	9.21	7.60
713-4202	901-9201-2A†	2	0.085 (2.2 mm) RG-405 (M17/133)	12.94	10.78
713-4203	901-9808*	3	0.141 (3.6 mm) RG-402 (M17/130)	5.81	4.71

\*Preassembled factory set interface, passivated nut, pluggable. †Without contact and insulator, gold-plated nut. ‡Soldier to body, solder contact, gold-plated nut. •Preassembled, factory set interface; gold-plated nut, pluggable.

SMA Straight Plugs

Braid Crimp — Captivated Solder Contact

-SF is passivated finish on body and nut. Others have gold-plated body and nut.

713-4205	901-9601-1SF	4	55B, 142B, 223, 400	19.28	16.07
713-4206	901-9601-3	4	174, 179, 187, 188, 316	16.61	13.84
713-4207	901-9601-3SF	4	174, 179, 187, 188, 316	14.26	11.88

Braid Crimp — Non-Captivated Solder Contact

713-9982	901-9511-1	5	55B, 142B, 223, 400	8.18	6.75
713-4209	901-9511-1SF	5	55B, 142B, 223, 400	6.65	5.39
713-4210	901-9511-3	5	174, 179, 187, 188, 316	7.62	6.17
713-4212	901-9511-3SF	5	174, 179, 187, 188, 316	6.45	5.22
713-4208	901-9511-12SF	5	Double braid, 188, 316	6.78	5.61
713-4214	901-10011	5	LMR240	9.70	8.08

SMA Right Angle Cable Plugs

Crimp/Solder Center Contact

-SF is passivated finish on body. Others have gold-plated body and nut.

713-4216	901-9531-1	6	55, 141, 142, 223, 400	11.39	9.49
713-4218	901-9531-1SF	6	142B, Times AA-2423	7.58	6.32
713-4220	901-9531-3	6	174, 187, 188, 316	10.91	9.01
713-4222	901-9531-3SF	6	174, 187, 188, 316	7.73	6.38
713-4221	901-9531-12SF	6	Double braid, 316	7.85	6.55
713-4211	901-10014	6	LMR240	13.65	11.38

Braid Solder — Solder Contact

713-4223	901-9521-3	7	174, 179, 179B, 187, 187A, 188, 188A, 316	19.39	16.15
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Bulkhead Jacks

Braid Crimp — Solder Center Contact

-SF passivated finish, others gold plated.

713-4225	901-9610-1SF	8	55, 142, 223, 400	22.33	18.60
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Bulkhead Jacks (continued)

Stock No.	Mfr.'s Type	Fig.	RG/U Cable	EACH	
				1-24	25-99
713-4224	901-9610-3	8	174, 179, 187, 188, 316	16.78	13.86
713-4226	901-9610-3SF	8	174, 179, 187, 188, 316	14.48	11.94
713-4227	901-9610-12SF	8	Double braid 316	15.87	13.22
713-4215	901-10015	8	LMR240	13.94	11.61

SMA Panel Receptacles

Stock No.	Mfr.'s Type	Fig.	Description	EACH	
				1-24	25-99
713-4230	901-9215	9	Gold plated body, solder cup terminated	18.22	15.18
713-4229	901-9215SF	9	Passivated body, solder cup terminated	18.22	15.18

SMA Bulkhead Receptacles — Female Contact

713-4228	901-9211	10	Rear mount, hex flange, solder cup	19.57	16.31
713-4232	901-9220	11	Front or rear mount, blunt post terminal	10.12	8.44
713-4231	901-9841*	12	Front mount, post terminal, hex flange	7.22	5.96
713-4233	901-9856†	13	Press-fit mount, 0.050" tab	14.05	11.71

SMA Printed Circuit Receptacles

713-4236	901-144	14	Straight, 0.155" legs and term, blunt post	9.15	7.40
713-4217	901-144-PFD	—	Press fit jack	11.03	9.20
713-4235	901-144-2	14	Straight, 0.105" solder dipped legs and term	14.71	12.15
713-4237	901-144-4	14	Straight, 0.200" legs and term, standoff pads	16.35	13.62
713-4238	901-143	15	Right angle, 0.155" legs and term	10.39	8.59
713-4239	901-143-4	15	Right angle, 0.105" solder dipped legs and term	25.62	21.35
713-4250	901-9850	16	Straight, edge mount, 0.062 PCB	21.67	18.06
713-4219	901-10003	16	Edge mount jack, 0.062" board thickness	10.60	8.84
713-4213	901-10019	16	Edge mount jack, 0.032" board thickness	10.90	9.08

SMA In-Series Adapters

713-4240	901-9217	17	Straight, jack-jack	41.58	34.65
713-4252	901-125-11	18	Angle, plug-jack	37.89	31.57
713-4253	901-125-11SF	18	Angle, plug-jack	36.56	30.47
713-4248	901-9219-ASF	18	Angle, plug-jack	26.40	22.00
713-4244	901-9209-A	19	Bulkhead, jack-jack	13.88	11.56
713-4246	901-9209-ASF	19	Bulkhead, jack-jack	12.41	10.34
713-4242	901-9218	20	Straight, plug-plug	38.89	32.41

\*Passivated finish without nut and washer. †Passivated finish.

SMA Brass Body Connectors

50 ohm impedance. For applications where stainless steel construction is not required. Can be mated with all connectors which meet military specification mating diameter. Frequency: 0-12.4 GHz for flexible cable Voltage: 500 V peak —

Straight Plugs — Crimp

Stock No.	Mfr.'s Type	Fig.	Plating	RG/U Cable	EACH	
					1-24	25-99
713-4302	901-9870	21	Gold	58, LMR195	5.23	4.22
713-4305	901-9876-RFX	21	Nickel	58, LMR195	2.97	2.41
713-4306	901-9871	21	Gold	223, 141	5.46	4.42
713-4309	901-9877-RFX	21	Nickel	174, 188, 316	3.23	2.61
713-4310	901-9916	21	Gold	174, 188, 316	5.20	4.20

Angle Plugs — Crimp/Solder

713-4312	901-9873	22	Gold	58, LMR195	9.38	7.74
713-4315	901-9880-RFX	22	Nickel	58, LMR195	5.11	4.13
713-4317	901-9881-RFX	22	Nickel	174, 188, 316	4.89	3.96
713-4318	901-9872	22	Gold	174, 188, 316	8.63	7.12
713-4320	901-9874	22	Gold	141, 223	8.63	7.12

Bulkhead Jack

713-4322	901-9875	23	Gold	174, 188, 316	8.40	6.88
713-4325	901-9879-RFX	23	Nickel	174, 188, 316	6.50	5.35

RG58, 141, 142; 375 V peak — RG174, 188, 316. Bodies, coupling nuts and other metal parts are brass and are either gold or nickel plated. Center contacts are gold plated. Insulators are TFE fluorocarbon.

Panel Receptacles

Stock No.	Mfr.'s Type	Fig.	Plating	RG/U Cable	EACH	
					1-24	25-99
713-4327	901-9893-RFX	24	Nickel	Solder cup terminal	4.87	3.95
713-4329	901-9892-RFX	9	Nickel	Solder cup terminal	4.90	3.96
713-4331	901-9891-RFX	25	Nickel	0.050" post terminal*	6.70	5.53
713-4333	901-9887-RFX	26	Nickel	0.050" post terminal*	7.29	5.91

Bulkhead Receptacles — Solder Cup Terminal

713-4335	901-9889-RFX	27	Nickel	Front mount	4.20	3.39
713-4337	901-9890-RFX	28	Nickel	Rear mount	4.03	3.36

Printed Circuit Board Receptacles

713-4339	901-144-8-RFX	29	Gold	Straight, 0.155" legs and term	3.45	2.80
713-4341	901-143-6-RFX	30	Gold	Angle, 0.155" legs and term	5.69	4.61

\*0.590" length flange to terminal.

Crimp Tool for SMA

Cavity 1 — 0.68" Cavity 2 — 0.128" for RG-316/U, 174 and 188; Cavity 3 — 0.178" for RG-180/U.

713-9198. CTL-9. Economy crimp tool for SMA ..... EACH 149.77