SMA Coaxial Connectors — 50 Ohm

Brass bodies with gold or nickel plating. **Contacts:** Male — brass with gold plating; Female — beryllium copper with gold plating. **Insulators:** PTFE fluorocarbon or tefzel. **Working Voltage (Vrms Maximum) for Cabled Connectors:** Ranges from 170 for RG-178 to 500 for 0.141 semi-rigid with contact. **Frequency Range:** Cabled Connectors — 0-12.4 GHz; Uncabled Receptacles, RA Semi-Rigid Cable Connectors — 0-18.0 GHz; Straight Semi-Rigid Cable Connectors and Field Replacable Connectors — 0-26.5 GHz.

Cabled Plugs

Stock No.	Mfr.'s Type	Fig.	Description	For RG Cable	Plating	EACH 1-9	EACH 10-49
528-0241	142-0203-101	1	Right Angle, Clamp Type	161, 174, 188, 316	Gold	**8.61**	**7.76**
528-2009	142-0693-101	2	Right Angle, Solder Type	0.086 Semi-Rigid	Gold	**9.26**	**8.46**
528-2011	142-0693-106	2	Right Angle, Solder Type	0.086 Semi-Rigid	Nickel	**8.95**	**8.20**
528-2000	142-0403-101	2	Right Angle, Crimp Type Captivated Contact	161, 174, 188, 316, LMR-100, HPF-100, RF-100	Gold	**6.55**	**5.91**
528-2002	142-0403-106	2	Right Angle, Crimp Type Captivated Contact	161, 174, 188, 316, LMR-100, HPF-100, RF-100	Nickel	**7.88**	**7.20**
528-2600	142-0407-101	3	Right Angle, Crimp Type Captivated Contact	58, 141, 303, LMR-195, HPF-195, RF-195	Gold	**8.78**	**8.05**
528-2602	142-0408-101	4	Right Angle, Crimp Type Captivated Contact	55, 142, 223, 400	Gold	**8.61**	**7.88**
528-2604	142-0439-101	3	Right Angle, Crimp Type Captivated Contact	LMR-200, HPF-200, RF-200	Gold	**9.36**	**8.59**
528-2606	142-0435-101	3	Right Angle, Crimp Type Captivated Contact	LMR-240, HPF-240, RF-240	Gold	**10.40**	**9.54**
528-1998	142-0402-011*	5	Straight Crimp, Solder or Crimp Captivated Contact	178, 196	Gold	**6.56**	**5.91**
528-1999	142-0402-016*	5	Straight, Crimp Type Crimp Captivated Contact	178, 196	Nickel	**6.47**	**5.93**
528-2004	142-0403-011*	5	Straight Crimp, Solder or Crimp Captivated Contact	161, 174, 188, 316, LMR-100, HPF-100, RF-100	Gold	**5.54**	**5.00**
528-2006	142-0403-016*	5	Straight Crimp, Solder or Crimp Captivated Contact	161, 174, 188, 316, LMR-100, HPF-100, RF-100	Nickel	**5.16**	**4.66**
528-2610	142-0407-011*	5	Straight Crimp, Solder or Crimp Captivated Contact	58, 141, 303, LMR-195, HPF-195, RF-195	Gold	**6.24**	**5.62**
528-2007	142-0407-016*	5	Straight Crimp, Solder or Crimp Captivated Contact	58, 141, 303, LMR-195, HPF-195, RF-195	Nickel	**5.83**	**5.25**
528-2416	142-0408-011*	5	Straight Crimp, Solder or Crimp Captivated Contact	55, 142, 223, 400	Gold	**5.91**	**5.33**
528-2614	142-0439-001*	6	Straight Crimp Captivated Contact	LMR-200, HPF-200, RF-200	Gold	**6.65**	**6.10**
528-2616	142-0439-006*	6	Straight Crimp Captivated Contact	LMR-200, HPF-200, RF-200	Nickel	**6.24**	**5.72**
528-2618	142-0435-001*	6	Straight Crimp Captivated Contact	LMR-240, HPF-240, RF-240	Gold	**6.66**	**6.10**
528-2620	142-0435-006*	6	Straight Crimp Captivated Contact	LMR-240, HPF-240, RF-240	Nickel	**6.24**	**5.72**
528-2008	142-0694-021	7	Straight, Solder without Contact, Slide-On Nut, Thick Wall	0.141 Semi-Rigid	Gold	**1.82**	**1.66**
528-2010	142-0693-001	8	Straight, Solder with Contact, Captive Nut, Thick Wall	0.086 Semi-Rigid	Gold	**3.84**	**3.47**
528-2012	142-0694-011	9	Straight Solder, without Contact, Thread-On Nut, Thin Wall	0.141 Semi-Rigid	Gold	**1.28**	**1.16**
528-0242	142-0203-011	10	Straight Clamp Type	161, 174, 188, 316	Gold	**9.94**	**8.97**

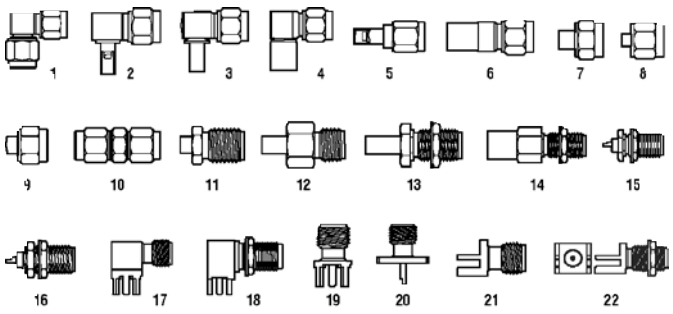
Straight Solder Type Jack

528-2420	142-0593-001	11	Solder Contact	0.086 Semi-Rigid	Gold	**4.28**	**3.87**
528-2448	142-0594-001	11	Solder Contact	0.141 Semi-Rigid	Gold	**6.28**	**5.75**

Straight Crimp Type Jack (3 Piece)

528-2406	142-0303-011	12	Solder or Crimp Captivated Contact	161, 174, 188, 316	Gold	**7.28**	**6.66**

*Three piece.



Straight Crimp Type Jack (3 Piece) (Continued)

Stock No.	Mfr.'s Type	Fig.	Description	For RG Cable	Plating	EACH 1-9	EACH 10-49
528-2630	142-0307-011	12	Solder or Crimp Captivated Contact	58, 141, 303	Gold	**7.28**	**6.66**
528-2634	142-0303-411	13	Bulkhead, Solder or Crimp Captivated Contact	161, 174, 188, 316, LMR-100, HPF-100, RF-100	Gold	**8.47**	**7.76**
528-2636	142-0303-416	13	Bulkhead, Solder or Crimp Captivated Contact	161, 174, 188, 316, LMR-100, HPF-100, RF-100	Nickel	**8.15**	**7.47**
528-2638	142-0307-411	13	Bulkhead, Solder or Crimp Captivated Contact	58, 141, 303, LMR-195, HPF-195, RF-195	Gold	**8.64**	**7.92**
528-2640	142-0339-401	14	Bulkhead, Solder or Crimp Captivated Contact	LMR-200, HPF-200, RF-200	Gold	**10.40**	**9.54**
528-2642	142-0335-401	14	Bulkhead, Solder or Crimp Captivated Contact	LMR-240, HPF-240, RF-240	Gold	**10.40**	**9.54**

PCB Mount Jack Receptacles

Stock No.	Mfr.'s Type	Fig.	Description	Plating	EACH 1-9	EACH 10-49
528-0240	142-0701-401	15	Rear-Mount, Bulkhead, Solder Cup Terminal	Gold	**5.35**	**4.83**
528-2650	142-0701-406	15	Rear-Mount, Bulkhead, Solder Cup Terminal	Nickel	**5.50**	**5.04**
528-0239	142-0701-411	16	Front-Mount, Bulkhead, Solder Cup Terminal	Gold	**6.89**	**6.22**
528-2014	142-0701-301	17	Right Angle, PC Mount Jack, Solder Type, 0.155" Legs	Gold	**7.68**	**6.93**
528-2016	142-0701-306	17	Right Angle, PC Mount Jack, Solder Type, 0.155" Legs	Nickel	**5.84**	**5.27**
528-2018	142-0701-501	18	Right Angle, Bulkhead Jack, 0.155" Legs	Gold	**10.93**	**9.86**
528-2426	142-0701-506	18	Right Angle, Bulkhead Jack, 0.155" Legs	Nickel	**11.55**	**10.59**
528-3231	142-0701-211	19	Straight PC Mount Jack, Solder Type, 0.281" Layout, 0.155" Legs	Gold	**11.33**	**10.20**
528-0233	142-0701-201	19	Straight PC Mount Jack, Solder Type, 0.200" Layout, 0.155" Leg Length	Gold	**4.33**	**3.79**
528-2654	142-0701-206	19	Straight PC Mount Jack, Solder Type, 0.200" Layout, 0.155" Leg Length	Nickel	**6.00**	**5.49**
528-1992	142-0701-231	19	Straight PC Mount Jack, Solder Type, 0.200" Layout, 0.110" Leg Length	Gold	**6.17**	**5.56**
528-0234	142-0701-631	20	4-Hole Flange Mount Jack, Solder Type	Gold	**5.74**	**5.18**
528-0235	142-0701-621	20	2-Hole Flange Mount Jack, Solder Type	Gold	**5.73**	**5.18**
528-0238	142-0701-801	21	End Launch PC Mount Jack for 0.062" PC Board	Gold	**5.84**	**5.27**
528-2656	142-0701-806	21	End Launch PC Mount Jack for 0.062" PC Board	Nickel	**6.66**	**6.11**
528-2436	142-0711-821	21	End Launch Round Contact for 0.062" PC Board	Gold	**6.02**	**5.44**
528-2438	142-0711-826	21	End Launch Round Contact for 0.062" PC Board	Nickel	**6.24**	**5.62**
528-1994	142-0701-831	21	End Launch Round Contact for 0.042" PC Board	Gold	**6.58**	**5.94**
528-0231	142-0701-881	21	End Launch Round Contact for 0.031" PC Board	Gold	**5.97**	**5.06**
528-1995	142-0701-851	21	End Launch Tab Contact for 0.062" PC Board	Gold	**7.05**	**6.36**
528-2658	142-0701-841	21	End Launch Tab Contact for 0.042" PC Board	Gold	**8.69**	**7.82**
528-1996	142-0701-871	22	End Launch, Bulkhead, Round Contact for 0.062" PC Board, 0.125" Max. Panel Thickness	Gold	**8.47**	**7.74**

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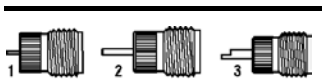
SMA In-Series Adapters

Right-Angle Adapters

Stock No.	Mfr.'s Type	Fig.	Description	Plating	EACH 1-9	EACH 10-49
528-1950	142-0901-921	1	SMA Jack/Jack	Gold over Brass	**17.89**	**16.13**
528-1952	142-0901-931	2	SMA Plug/Plug	Gold over Brass	**24.56**	**22.13**
528-1954	142-0901-941	3	SMA Jack/Plug	Gold over Brass	**14.53**	**13.11**

Straight Adapters

528-1956	142-0901-801	4	SMA Jack/Jack	Gold over Brass	**10.24**	**9.24**
528-2150	142-0901-401	5	SMA Jack/Bulkhead Jack	Gold over Brass	**15.80**	**14.26**
528-2160	142-0901-811	6	SMA Plug/Plug	Gold over Brass	**12.95**	**11.68**
528-1962	142-0901-821	7	SMA Plug/Jack	Gold over Brass	**12.48**	**11.25**

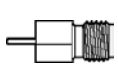


SMA Jack Receptacles — Knurl Mount

Stock No.	Mfr.'s Type	Fig.	Description	Plating	EACH 1-9	EACH 10-49
528-1964	142-1721-001	1	0.020" Wide Tab Contact	Gold over Brass	**6.39**	**5.84**
528-1966	142-1721-011	2	0.030" Round Contact	Gold over Brass	**4.97**	**4.55**
528-1968	142-1721-021	2	0.050" Round Contact	Gold over Brass	**5.49**	**5.03**
528-1969	142-0701-481	3	0.036" Solder Cup Contact	Gold over Brass	**5.71**	**5.24**

Plug Receptacles for 0.062" Thick PC Boards

Stock No.	Mfr.'s Type	Description	Plating	EACH 1-9	EACH 10-49
528-2446	142-0801-801	End Launch Round Contact	Gold	**10.94**	**10.00**
528-2442	142-0801-806	End Launch Round Contact	Nickel	**10.61**	**9.73**



End Launch Surface Mount Jack Receptacle

— NEW —

This connector fits all PC board thicknesses. **Plating:** Gold.

528-2660. 142-0721-881. **1-9** ..... **EACH 6.66** **10-49** ..... **EACH 6.10**

Straight Jack Receptacle — Surface Mount

Stock No.	Mfr.'s Type	Description	Plating	EACH 1-9	EACH 10-49
528-2432	142-0711-201	4 × □.063	Gold	**4.82**	**4.35**