

SMB Connectors

Voltage Rating at Sea Level for Cable Type: RG-178 — 250 VRMS; RG-316, 0.086" semi-rigid and uncabled types — 335 VRMS. Frequency Range: 0-4 GHz.

SMB Coaxial Connectors — 50 Ohm

Flexible Cable Plugs

Stock No.	Mfr.'s Type	Fig.	Description	For RG Cable	Plating	EACH	
						1-9	10-49
528-0243	131-1402-101	1	Right Angle, Crimp Type	178, 196	Gold over Die Cast Zinc	6.16	5.63
528-0247	131-1403-101	1	Right Angle, Crimp Type	161, 174, 179, 187, 188, 316	Gold over Die Cast Zinc	4.92	4.44
528-0248	131-1403-116	1	Right Angle, Crimp Type	161, 174, 179, 187, 188, 316	Nickel over Die Cast Zinc	4.77	4.37
528-2023	131-3403-101	1	Right Angle, Crimp Type	161, 174, 179, 187, 188, 316	Gold Plated Brass	8.32	7.63
528-0245	131-1403-001	2	Straight, Crimp Type	161, 174, 179, 187, 188, 316	Gold over Die Cast Zinc	5.83	5.26
528-0246	131-1403-016	2	Straight, Crimp Type	161, 174, 179, 187, 188, 316	Nickel over Die Cast Zinc	5.73	5.25
528-2025	131-3403-001	2	Straight, Crimp Type	161, 174, 179, 187, 188, 316	Gold Plated Brass	7.27	6.67

Bulkhead Jacks — Captivated Contact, 50 Ohm

Stock No.	Mfr.'s Type	Fig.	Description	For RG Cable	Plating	EACH	
						1-9	10-49
528-2033	131-3303-401	3	Straight, Crimp Type Captive Contact	161, 174, 179, 187, 188, 316	Gold over Brass	8.27	7.56
528-2034	131-3303-406	3	Straight, Crimp Type Captive Contact	161, 174, 179, 187, 188, 316	Nickel over Brass	7.28	6.68
528-2032	131-3303-501	4	Right Angle, Crimp Type Captive Contact	161, 174, 179, 187, 188, 316	Gold over Brass	8.64	7.92
528-2031	131-3303-506	4	Right Angle, Crimp Type Captive Contact	161, 174, 179, 187, 188, 316	Nickel over Brass	7.85	7.20

PC Mount Jack Receptacles

528-0249	131-1701-201	5	Straight, 0.155" Legs	—	Gold over Die Cast Zinc	2.64	2.38
528-0250	131-1701-206	5	Straight, 0.155" Legs	—	Nickel over Die Cast Zinc	2.70	2.48
528-0254	131-3701-201	6	Straight, 0.155" Legs	—	Gold over Brass	2.45	2.24
528-0258	131-3701-261	5	Straight, 0.155" Legs	—	Gold over Brass	2.19	2.01
528-0260	131-3701-266	5	Straight, 0.155" Legs	—	Nickel over Brass	2.03	1.86
528-0260	131-1701-211	5	Straight, 0.095" Legs	—	Gold over Die Cast Zinc	2.87	2.63
528-0222	131-1701-216	5	Straight, 0.095" Legs	—	Nickel over Die Cast Zinc	2.70	2.48
528-0262	131-3701-271	5	Straight, 0.095" Legs	—	Gold over Brass	2.29	2.06
528-0264	131-3701-276	5	Straight, 0.095" Legs	—	Nickel over Brass	2.03	1.87
528-0251	131-3701-301	7	Right Angle, 0.155" Legs	—	Gold over Brass	5.47	4.93
528-0252	131-3701-306	7	Right Angle, 0.155" Legs	—	Nickel over Brass	5.47	4.93
528-2024	131-1701-371	7	Right Angle, 0.110" Legs	—	Gold over Die Cast Zinc	5.54	5.00
528-0266	131-1701-376	7	Right Angle, 0.110" Legs	—	Nickel over Die Cast Zinc	5.54	5.00

PC Mount Plug Receptacles — 50 Ohm

528-0266	131-3801-201	8	Straight, 0.155" Legs	—	Gold over Brass	6.00	5.50
528-2308	131-3801-301	9	Right Angle, 0.155" Legs	—	Gold over Brass	7.37	6.76

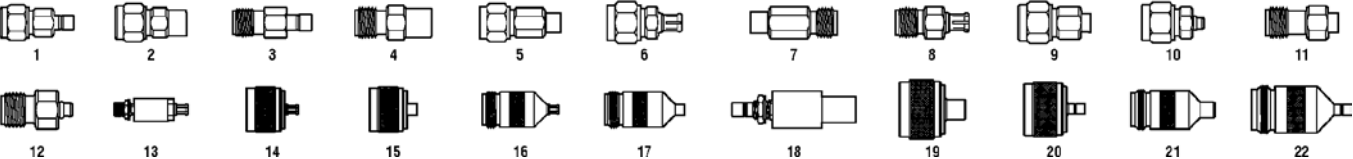
PC Mount Bulkhead Jack Receptacles

528-2028	131-3701-341	10	Right Angle, 0.155" Legs	—	Gold over Brass	7.28	6.56
528-2030	131-3701-346	10	Right Angle, 0.155" Legs	—	Nickel over Brass	6.76	6.18

End Launch Jack Receptacles

528-0270	131-3701-811	11	Tab Contact, 0.062" Board Thickness Round Contact	—	Gold over Brass	6.00	5.50
528-2200	131-3701-801	11	Round Contact, 0.062" Board Thickness	—	Gold over Brass	6.00	5.50
528-2202	131-3701-806	11	Round Contact, 0.062" Board Thickness	—	Nickel over Brass	5.73	5.25
528-2204	131-3701-821	11	Round Contact, 0.042" Board Thickness	—	Gold over Brass	8.44	7.73
528-2206	131-3701-826	11	Round Contact, 0.042" Board Thickness	—	Nickel over Brass	7.96	7.29

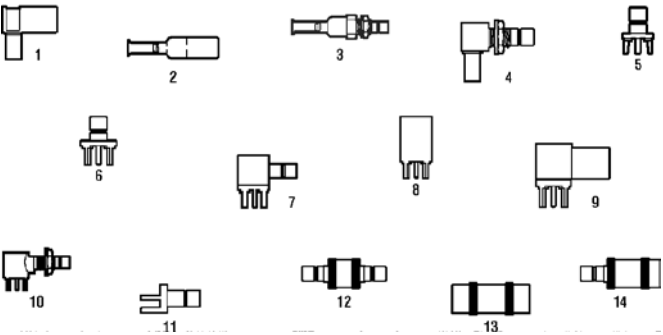
Between Series Adapters



Employs mating interfaces that are compatible with MIL-C-39012 and applicable industry standards. SMA plug interfaces are thick wall design for ruggedness and durability. Materials include gold plated brass body parts, Teflon® insulators and

Stock No.	Mfr.'s Type	Fig.	Description	EACH	
				1-9	10-49
528-1900	134-1012-011	1	SMA Plug to SMB Jack	38.90	35.01
528-1902	134-1012-021	2	SMA Plug to SMB Plug	40.06	36.72
528-1904	134-1012-031	3	SMA Jack to SMB Jack	36.72	33.66
528-1906	134-1012-041	4	SMA Jack to SMB Plug	36.47	33.34
528-1908	134-1018-001	5	SMA Plug to MCX Jack	36.72	33.66
528-1910	134-1018-011	6	SMA Plug to MCX Plug	40.06	36.72
528-1912	134-1018-021	7	SMA Jack to MCX Jack	36.72	33.66
528-1914	134-1018-031	8	SMA Jack to MCX Plug	36.72	33.66
528-1916	134-1019-151	9	SMA Plug to MMCX Jack	40.06	36.72
528-1918	134-1019-161	10	SMA Plug to MMCX Plug	43.40	39.78
528-1920	134-1019-171	11	SMA Jack to MMCX Jack	36.72	33.66
528-1922	134-1019-181	12	SMA Jack to MMCX Plug	40.06	36.72

SMB Connectors and Between Series Adapters



SMB Connectors — Mini 75 Ohm

Cabled Plugs

Stock No.	Mfr.'s Type	Fig.	Description	For RG Cable	Plating	EACH	
						1-9	10-49
528-2208	131-8403-101	1	Right Angle, Crimp Type	179, 187	Gold over Brass	8.53	7.81
528-2210	131-8403-106	1	Right Angle, Crimp Type	179, 187	Nickel over Brass	8.22	7.54
528-2212	131-8404-101	1	Right Angle, Crimp Type	179DS, 187DS	Gold over Brass	8.72	8.00
528-2214	131-8404-106	1	Right Angle, Crimp Type	179DS, 187DS	Nickel over Brass	8.39	7.68
528-2216	131-8403-001	2	Straight, Crimp Type	179, 187	Gold over Brass	7.27	6.55
528-2218	131-8403-006	2	Straight, Crimp Type	179, 187	Nickel over Brass	6.52	5.98
528-2220	131-8404-001	2	Straight, Crimp Type	179DS, 187DS	Gold over Brass	6.81	6.22
528-2222	131-8404-006	2	Straight, Crimp Type	179DS, 187DS	Nickel over Brass	6.67	6.11

Bulkhead Jacks

528-2224	131-8303-401	3	Straight, Crimp Type	179, 187	Gold over Brass	9.05	8.27
528-2226	131-8303-406	3	Straight, Crimp Type	179, 187	Nickel over Brass	8.72	8.00
528-2228	131-8304-401	3	Straight, Crimp Type	179DS, 187DS	Gold over Brass	9.33	8.56
528-2230	131-8304-406	3	Straight, Crimp Type	179DS, 187DS	Nickel over Brass	8.72	8.00

PC Mount Jack Receptacles

528-2232	131-8701-201	5	Straight, 0.083" Legs	—	Gold over Brass	3.03	2.77
528-2234	131-8701-206	5	Straight, 0.083" Legs	—	Nickel over Brass	2.43	2.19
528-2235	131-8701-251	5	Straight, 0.155" Legs	—	Gold over Brass	2.46	2.25
528-2237	131-8701-256	5	Straight, 0.155" Legs	—	Nickel over Brass	2.29	2.10
528-2236	131-8701-301	7	Right Angle, 0.083" Legs	—	Gold over Brass	7.25	6.53
528-2238	131-8701-306	7	Right Angle, 0.083" Legs	—	Nickel over Brass	7.01	6.42

PC Mount Bulkhead Jack Receptacles

528-2240	131-8701-501	10	Right Angle, 0.083" Leg Length	—	Gold over Brass	8.44	7.73
528-2242	131-8701-506	10	Right Angle, 0.083" Leg Length	—	Nickel over Brass	8.12	7.44

PC Mount End Launch Connector

528-2244	131-8701-841	11	End Launch for 0.062" Board	—	Gold over Brass	7.08	6.49
528-2246	131-8701-851	11	End Launch for 0.047" Board	—	Gold over Brass	7.08	6.49

In-Series Adapters

528-0272	131-8901-801	12	Straight, Jack to Jack	—	Gold over Brass	35.47	32.46
528-0274	131-8901-811	13	Straight, Plug to Plug	—	Gold over Brass	59.04	54.12
528-0276	131-8901-821	14	Straight, Jack to Plug	—	Gold Plated	39.36	36.09

gold plated hardened beryllium copper for all spring contacts.

Stock No.	Mfr.'s Type	Fig.	Description	EACH	
				1-9	10-49
528-1880	134-1089-001	13	Between Series Matching Pad 50 Ω MCX Bulkhead Jack to 75 Ω MCX Plug	127.50	114.18
528-1882	134-1068-001	14	75 Ω Type N Plug to 75 Ω MCX Plug	65.27	58.45
528-1884	134-1068-011	15	75 Ω Type N Plug to 75 Ω MCX Jack	65.74	58.87
528-1886	134-1068-021	16	75 Ω Type N Jack to 75 Ω MCX Plug	59.58	53.35
528-1888	134-1068-031	17	75 Ω Type N Jack to 75 Ω MCX Jack	65.59	58.73
528-1890	134-1029-011	18	Between Series Matching Pad 50 Ω SMB Bulkhead Jack to Mini-75 Ω SMB Plug	110.46	98.92
528-1892	134-1069-001	19	75 Ω Type N Plug to Mini-75 Ω SMB Plug	86.67	77.61
528-1894	134-1069-011	20	75 Ω Type N Plug to Mini-75 Ω SMB Jack	70.51	63.15
528-1896	134-1069-021	21	75 Ω Type N Jack to Mini-75 Ω SMB Plug	99.42	89.03
528-1898	134-1069-031	22	75 Ω Type N Jack to Mini-75 Ω SMB Jack	92.63	82.95