

TNC Connectors

Miniature, weatherproof units. Impedance: 50 Ω. Frequency: 0-11 GHz, 500 V peak. Mating: 7/16 threaded coupling. Brass with ASTROplate® finish except M39012 silver. Contacts are silver or gold plated. TFE, delrin insulators. -RFX designates commercial application.

Straight Plugs

Stock No.	Mfr.'s Type	Fig.	MIL Type	Termination	RG/U Cable	EACH	
						1-24	25-99
713-8006	77175	1	—	Clamp/solder	55, 58, 141, 142, 223, 400	28.47	23.77
713-8650	79875	1	—	Clamp/solder	55, 58, 141, 142, 223, 400	11.65	9.71
713-9024	79075-RFX	1	—	Clamp/solder	58, 141	2.07	1.65
713-8664	31-2367	2	M23329/4-01, 4-03	Crimp/crimp	58, 141	5.28	4.28
713-9022	31-2367-RFX	2	—	Crimp/crimp	58, 141	1.61	1.28
713-8654	36825	2	—	Crimp/crimp	58, 141	4.85	3.93
713-1126	31-2368	2	M23329/4-05	Crimp/crimp	59, 62	4.59	3.72
713-1128	31-5061	3	—	Quicktrim	59, 62	8.57	7.07
713-1117	31-2315	2	—	Crimp/crimp	174, 188, 316	5.92	4.79
713-9019	31-2315-RFX	2	—	Crimp/crimp	174, 188, 316	1.62	1.29
713-9091	31-2242-RFX	2	—	Crimp/crimp	179, 187	1.98	1.58
713-1119	31-2373	2	M23329/4-02, 4-04	Crimp/crimp	142, 223	4.72	3.82

Right Angle Plugs

713-9856	79075	4	—	Clamp/solder	55, 58, 141, 142, 223, 400	35.89	29.91
713-1127	31-2381	5	—	Crimp/crimp	55, 142, 223, 400	15.97	13.31

Straight Jacks

713-9026	31-2374-RFX	6	—	Crimp/crimp	58, 141	1.60	1.27
713-9027	31-2375-RFX	6	—	Crimp/crimp	59, 62	1.60	1.27

Bulkhead Jacks

713-1130	31-2389	7	M23329/4-13, 4-15	Crimp/crimp	58, 141	21.38	17.82
713-9046	31-2389-RFX	7	—	Crimp/crimp	58, 141	2.66	2.16
713-9092	31-2264-RFX	7	—	Crimp/crimp	59, 62	2.66	2.16
713-1118	31-2318	7	—	Crimp/crimp	174, 188, 316	10.22	8.43
713-9021	31-2318-RFX	7	—	Crimp/crimp	174, 188, 316	2.65	2.14

Panel Receptacles

Stock No.	Mfr.'s Type	Fig.	Description	EACH	
				1-24	25-99
713-1115	31-2300	8	3.56 tapped flange holes	7.34	6.06
713-9093	31-2300-RFX	8	3-56 tapped flange holes	2.52	2.03

Bulkhead Receptacles

713-1122	31-4805	9	Isolated from ground front mount	11.02	9.09
713-1116	31-2301	10	Front mount	6.45	5.21
713-9094	31-2301-RFX	10	Front mount	1.60	1.27

In-Series Adapters

713-8029	31-4804	11	Bulkhead, isolated jack-jack	12.30	10.25
713-1120	31-4791	12	Straight, jack-jack	11.01	9.17
713-9048	31-4791-RFX	12	Straight, jack-jack	1.64	1.31
713-9858	79125	13	Angle, plug-jack	31.00	25.81

Accessories

713-9855	78750	14	Male cap and chain	8.14	6.72
713-9023	78750-RFX	14	Male cap and chain	2.20	1.79

Type F Coaxial Connectors

Designed for use in high speed modems and customer interface units. High performance units that feature -30 dB return loss at 1 GHz. These units utilize Amphenol's unique female contact design featuring a true cylindrical phosphor bronze coaxial contact for 0.022-0.042 in center conductors. Frequency: DC-3 GHz. Impedance: 75 Ω.

Type F Receptacles

Body (Plating): Diecast brass (tin lead). Contact (Plating): Phosphor bronze (tin lead). Insulator: PTFE/polypropylene.

Stock No.	Mfr.'s Type	Fig.	Description	EACH	
				1-24	25-99
713-4500	531-40001	15	Receptacle, flat tab terminal	3.63	2.93
713-4502	531-40039	16	PCB edge mount	6.31	4.97

Body (Plating): Zinc, die cast (tin lead). Contact (Plating): Phosphor bronze (tin lead). Insulator: Polypropylene.

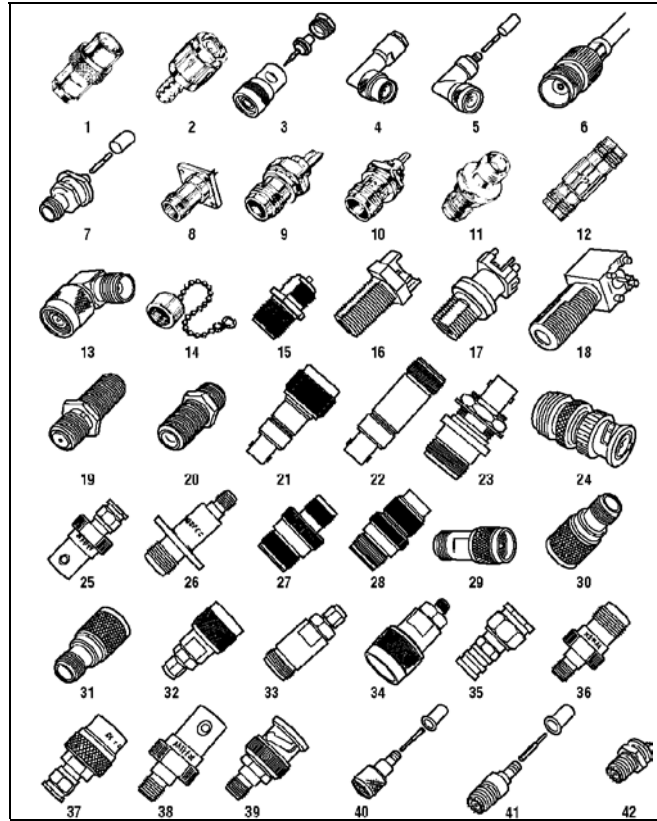
713-4510	531-40046	17	Four hole PCB mount, round terminal	2.62	2.12
713-4513	531-40047-3	18	Right angle, PCB mount, round terminal	5.67	4.64

Type F to Type F Adapter (0.380" Mounting Hole)

713-4520	531-40008	19	With membrane seal 1.21" length	5.84	4.87
713-4522	531-40033	20	1.05" length	7.32	6.04

Crimp Tool

713-4550. 531-CR596R. Crimp tool for connectors on 59 and 6 series CATV.....EACH 72.78



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Between Series Adapters

Stock No.	Mfr.'s Type	Fig.	MIL Type	Description	EACH	
					1-24	25-99
713-4800	82-5558	21	M55339/20-00201	BNC jack to N plug	15.94	13.28
713-4805	82-5550	22	M55339/01-00001	BNC jack to N jack	66.36	55.32
713-4815	82-5561	23	—	N jack to BNC bulkhead jack	93.60	78.03
713-9500	2900	24	UG-255/U	BNC plug to UHF jack	10.46	8.63
713-4843	901-166	25	—	BNC jack to SMA plug	40.41	33.69
713-8612	901-280	26	—	TNC jack to SMA jack-panel mount	76.90	64.10
713-4835	78825	27	—	N jack to TNC jack	95.79	79.83
713-4840	79825	28	—	N jack to TNC plug	18.62	15.52
713-8008	14000	29	UG-83/U	N jack to UHF plug	39.10	32.59
713-4820	16050	30	—	HN plug to N jack	37.44	31.20
713-4825	16075	31	—	HN jack to N plug	59.43	49.53
713-4855	901-292	32	—	N plug to SMA plug	86.43	72.05
713-4860	901-293	33	—	N jack to SMA jack	65.12	54.29
713-4862	901-294	34	—	SMA jack to N plug	65.73	54.80
713-4865	901-9038	35	—	SMA plug to SMB plug	108.38	90.35
713-4850	901-171	36	—	SMA jack to TNC jack	39.46	32.89
713-4845	901-168	37	—	SMA plug to TNC plug	79.42	66.20
713-4844	901-167	38	—	SMA jack to BNC jack	36.62	30.53
713-4842	901-165	39	—	SMA jack to BNC plug	48.61	40.52

Mini-UHF Connectors

Designed for use in cellular mobile telephone and similar applications. 3/16-24 thread size. Specifications. Impedance: 50 Ω. Frequency: 0-2.5 GHz. Voltage: 335 V at sea level. Materials: Bodies and coupling nuts — brass or zinc alloy, nickel plating; Contacts — brass, tin/lead plating. Insulator: polypropylene.

Plug with Bright Nickel Finish

Stock No.	Mfr.'s Type	Fig.	Termination	RG/U Cable	EACH	
					1-24	25-99
713-9245	81-114-RFX	40	Crimp/crimp	Belden 9258	1.89	1.58
713-3450	81-115N-1000*	40	Crimp/crimp	58	1.99	1.58

Plug with Black Chromate Finish

713-3452	81-115BK-1000†	40	Crimp/crimp	58	2.33	1.85
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Jack — Female Contact

713-3455	81-116	41	Crimp/crimp	58	2.48	2.00
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Bulkhead Receptacle — Female Contact (0.390" Round Mounting Hole)

713-9250	81-120-RFX	42	—	—	2.32	1.84
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*Hollow center contact. †Solid center contact.

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