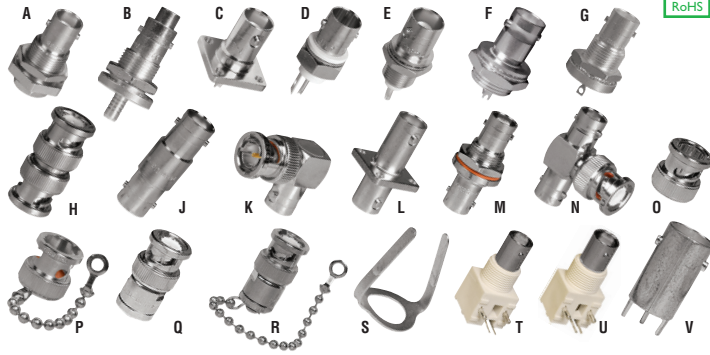


**BNC Coaxial Connectors**



Note: Two distinct types of 75 Ohm BNCs are available. Both mate with each other and with 50 Ohm BNCs. Type 1 is designated 75-T1 and provides constant 75 Ohm performance with low VSWR DC to 4 GHz. Type 2 is designated 75-T2 and is usable with low reflection DC to 1 GHz. For applications above 1 GHz, Type 1 is recommended. 0-4 GHz with low reflection at the end. 500 volts peak.

**Rear-Mounted Bulkhead Jacks**

Stock No.	Mfr.'s Type	Fig.	MIL Type	Cable Term.	For RG/U Cables	EACH		
						1-9	10-24	25-49
70142587	31-206	A	UG-909/U	Clamp-solder	58, 141, 142, 400	9.63	9.15	8.73
70142611	31-342	B	M23329/3-15, 3-17	Crimp-crimp	58, 141	11.09	10.24	—
70142994	86350	A	—	Clamp-solder	174, 179, 187, 188, 316	17.31	16.73	15.93
70142609	31-318	B	—	Crimp-crimp	174, 188, 316	11.79	11.16	9.49

**Panel Receptacles**

Stock No.	Mfr.'s Type	Fig.	MIL Type	Description	EACH		
					1-9	10-24	25-49
70142586	31-203	C	UG-290A/U	Solder cup, No. 3-56 tapped flange holes	6.74	6.28	5.87
70142584	31-105	C	—	Solder cup, 0.120" dia. flange holes	25.08	23.39	—

**Front-Mount Bulkhead Receptacles — Internal Tooth Lockwasher**

70142577	31-10-75	D	—	Solder cup, ground tab, isolated from ground, 75 Ω	8.91	8.31	7.78
70142578	31-10	D	—	Solder cup, ground tab, isolated thermoplastic insul.	5.30	4.73	4.25
70142637	31-238	—	UG-912/U	Spade, hermetic external tooth lockwasher	29.18	27.20	25.48
70142602	31-239	E	UG-657A/U	Solder cup, pressurized	9.21	8.60	8.05
70142583	31-102	E	UG-657/U	Solder cup, pressurized	6.76	6.30	5.88
70142850	31-70018	—	—	Solder cup, 75 Ω T-1	11.84	—	—
70142843	31-4890-1	—	—	Solder cup, isolated from panel	26.40	24.61	23.04
70142615	31-221	F	UG-1094A/U	Solder cup, standard type	3.34	2.98	2.68
70142599	31-221	F	UG-1094/U	Solder cup, thin panel	2.46	2.18	1.96
70142603	31-236	F	UG-625B/U	Solder cup, standard type	2.56	2.37	2.21
70142976	5575	F	UG-625/U	Solder cup, standard type	4.83	4.59	4.37

**Rear-Mount Bulkhead Receptacles**

70142612	31-4237	G	M39012/24-0001	Spade terminal, hermetic	11.19	10.43	9.76
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**Straight Adapters**

Stock No.	Mfr.'s Type	Fig.	MIL Type	Adapter Ends	Description	EACH		
						1-9	10-24	25-49
70142594	31-218	H	UG-491A/U	Plug-plug	50 Ω	10.66	10.14	9.50
70142595	31-219	J	UG-914/U	Jack-jack	50 Ω	4.87	4.51	4.20
70142851	31-70019	J	—	Jack-jack	75 Ω T1	5.60	5.22	4.86

**HN-Series Connectors**

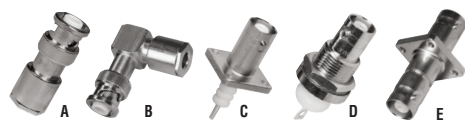
Medium size, weatherproof connectors. Ohms: 50. Coupling: Threaded 3/4-20. Frequency: 0-4 GHz. Voltage Rating: 1500 volts peak.



**Straight Plug**

Stock No.	Mfr.'s Type	Fig.	MIL Type	Cable Termination	For RG/U Cables	EACH	
						1-9	10-24
70142841	82-804	W	UG-59B/U	Braid/Clamp	8, 9, 87A, 213, 214, 225	62.03	57.82

**MHV (High Voltage) Connectors**



Similar to BNC but does not intermate. Weatherproof, with non-constant impedance. For applications up to 5000 volts at frequencies up to 50 MHz.

Stock No.	Mfr.'s Type	Fig.	MIL Type	Description	For RG/U Cables	EACH		
						1-9	10-24	25-49
70142985	29100	A	—	Straight plug/STD clamp	55, 58, 141, 142	12.27	11.71	11.19
70142831	28000	A	UG-932/U	Straight plug/STD clamp	59, 62, 71, 140, 210	10.22	9.47	8.81
70142980	28100	B	—	Angle plug/STD clamp	59, 62, 140, 210	34.39	32.67	30.16
70142832	27000	C	UG-931/U	Rear mounted panel receptacle	—	10.92	10.15	9.48
70142978	10400	D	—	Bulkhead receptacle, spade terminal	—	42.59	41.24	38.78
70142844	27025	—	—	Bulkhead receptacle, turret terminal	—	27.90	26.01	24.35
70142979	12650	E	—	Panel adapter, jack-to-jack	—	77.27	74.96	66.97

**Angle Adapters**

Stock No.	Mfr.'s Type	Fig.	MIL Type	Adapter Ends	Description	EACH		
						1-9	10-24	25-49
70142579	31-9	K	UG-306/U	Jack-plug	50 Ω	11.49	10.64	9.91
70142580	31-9-75	K	—	Jack-plug	75 Ω T2	14.74	13.74	12.87
70142865	31-209	K	UG-306A/U	Jack-plug	50 Ω	15.22	14.19	13.28

**Panel Adapter**

70141780	47000	L	—	Jack-jack	3-56 tapped flange holes	36.79	34.98	28.84
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**Bulkhead Adapters**

70142597	31-220H	M	UG-492A/U	Jack-jack	Sealed, 50 psi/glass — TFE internal lockwasher	8.66	8.03	7.52
70142825	31-3220	M	UG-492D/U	Jack-jack	Sealed, 50 psi/glass — TFE external lockwasher/thick panel	12.25	11.21	10.65
70142598	31-220N	M	—	Jack-jack	Non-pressurized version	7.85	7.29	6.81
70142596	31-220N-75	M	—	Jack-jack	75 Ω non-pressurized version T2	12.89	12.24	11.68
70142974	4525	M	—	Jack-jack	Gasketed	19.01	17.72	16.60
70142837	31-4803	M	—	Jack-jack	Isolated from the panel white molded thermoplastic insulation	12.81	11.39	10.25
70142839	31-4803-75	M	—	Jack-jack	75 Ω isolated from panel T2	11.88	11.04	10.31
70142852	31-70020	M	—	Jack-jack	75 Ω gasketed T1	21.15	19.72	18.47

**Tee Adapters**

70142576	31-8	N	UG-274/U	Jack-plug-jack	Standard	11.81	10.98	10.25
70142589	31-208	N	UG-274A/U	Jack-plug-jack	Silver plt. contact	11.02	10.27	9.61

**Accessories**

70142975	5275	O	—	—	Male shorting cap	13.19	12.55	11.62
70142575	31-6	P	CW-123	—	Standard weatherproof	4.70	4.17	3.77
70141753	31-6-RFX	P	—	—	Commercial Cap and Chain	2.04	1.90	1.79
70142868	31-17	P	CW-159	Male	Shorting constant impedance	6.58	6.36	6.06
70142866	46650-51	Q	—	—	Resistor terminated 50 Ω, 1%, 1 W	15.63	14.51	12.70
70142867	46650-75	Q	—	—	Resistor terminated 75 Ω, 1%, 1 W	9.37	8.73	8.20
70142983	35650-51	R	—	—	Cap and chain, 50 Ω, 5%, 1/2 W	14.78	13.78	12.91
70142984	35650-75	R	—	—	Cap and chain, 75 Ω, 5%, 1/2 W	17.16	16.40	14.85

\*IEEE 802.3 10 base 2.

**Grounding Lug**

Stock No.	Mfr.'s Type	Fig.	Description	EACH		
				1-49	50-99	100-249
70142869	31-759	S	Grounding lug, inside panel on front mount receptacles	.76	.70	.66

**BNC PC-Mount Bulkhead Receptacles (Hardware Sold Separate)**

Stock No.	Mfr.'s Type	Fig.	Description	Mounting PIN Type	EACH		
					1-9	10-24	25-49
70142816	31-5431	T	Isolated white valox housing	Round	5.92	5.54	5.16
70142817	31-5486	U	Isolated white valox housing	Round	6.60	6.38	6.07
70142819	31-5540	U	Isolated black valox housing	Round	7.34	6.84	6.41
70142818	31-5640	T	Metal housing	Round	5.61	5.23	4.90
70142820	31-5652	—	Hex nut (mounting hardware)	—	.82	.74	.68
70142821	31-5653	—	Lockwasher (mounting hardware)	—	.94	.88	.82

**Vertical BNC Receptacle (PCB)**

0.040" diameter post terminal. 0.125" long. Zinc body, bright tin/lead over copper base finish. Gold-plated contact, TFE insulation.

70142814	31-5329	V	3-leg vertical BNC receptacle 0.040" dia. post terminal	—	6.71	6.25	5.84
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**Panel Receptacles**

Stock No.	Mfr.'s Type	Fig.	MIL Type	Description	EACH	
					1-9	10-24
70142842	82-805	X	UG-560/U	Solder cup terminal	60.32	58.31
70141748	82-92	X	UG-496/U	Co-polymer styrene ins.	45.46	42.38