

## Twin BNC Connectors



### Straight Plugs

Stock No.	Mfr.'s Type	Fig.	Mating and Polarization	Construction	RG/U Cables	Contacts	EACH	
							1-24	25-99
70142601	31-224	1	Polarized, BNC	V-groove clamp	108A	1 male, 1 female	9.82	9.09
70142614	31-2226	2	Polarized, BNC	V-groove clamp*	108A	1 male, 1 female	19.37	18.05

\*TFE insulation.

### Front Mounted Bulkhead Receptacles

Stock No.	Mfr.'s Type	Fig.	Mating and Polarization	Construction	RG/U Cables	Contacts	EACH	
							1-24	25-99
70142600	31-223	3	Polarized, BNC	—	—	1 female, 1 male	20.84	20.14
70142613	31-2225	4	Polarized, BNC	TFE Insulation	—	1 female, 1 male	19.55	18.22

## 1.0/2.3 Series



A European Series introduced in the 1990s. Features compact design for dense connector packing. A unique push-pull coupling system ensures positive locking and quick installation. Complies with DIN 41626, DIN 47297 and NFC 93-571 international specifications. Impedance — 50 Ohm. 0-10 GHz operating.

### Straight Push-Pull Plugs

Stock No.	Mfr.'s Type	Fig.	Termination	RG/U Cables	EACH	
					1-9	10-24
70142640	102-799-04	1	Crimp/Solder	RG 58	11.53	10.74
70142644	102-799-16	1	Crimp/Solder	RG 174, 179, 187, 188, 316	18.66	17.41

### Straight Bulkhead Jack

Stock No.	Mfr.'s Type	Fig.	Termination	RG/U Cables	1-9	10-24
713-2256	102-913-06	2	Crimp/Solder	RG 174, 179, 316	14.75	13.72

### Between Series Adapters

Stock No.	Mfr.'s Type	Fig.	MIL Type	Description	EACH	
					1-9	10-24
70142801	82-5558	3	M55339/20-00201	BNC jack to N-plug	24.06	22.43
70142592	31-216	4	UG-201A/U	BNC jack to N-plug	11.51	10.65
70142923	31-216-RFX	4	—	BNC jack to N-plug	18.14	16.92
70142593	31-217	5	UG-349A/U	BNC plug to N-jack	16.97	15.83
70142942	31-217-RFX	5	—	BNC plug to N-jack	32.64	31.03
70142582	31-28	6	UG-273/U	BNC jack to UHF-plug	22.46	20.93
70142973	2900	7	UG-255/U	BNC plug to UHF jack	18.46	17.21
70142805	79675	8	—	BNC jack to TNC plug	32.53	30.31
70142807	901-164	9	—	BNC plug to SMA plug	80.52	76.55
70142810	901-167	10	—	SMA jack to BNC plug	47.82	45.47
70142808	901-165	11	—	SMA jack to BNC plug	62.39	59.31
70142809	901-166	12	—	BNC jack to SMA plug	73.74	68.74
70142848	901-280	13	—	TNC jack to SMA jack-panel mount	111.53	106.05
70142806	79825	14	—	N jack to TNC plug	51.45	47.94
70142827	4400	15	UG-146/U	N plug to UHF-jack	17.07	15.91
70142828	14000	16	UG-83/U	N jack to UHF plug	69.79	65.06
70142802	16050	17	—	HN plug to N jack	55.45	47.66
70142813	901-294	18	—	SMA jack to N plug	116.21	108.35
70142647	901-10005	19	—	SMA plug to 1.0/2.3 jack	60.12	—
70142648	901-10006	20	—	SMA jack to 1.0/2.3 plug	51.67	48.16
70141726	APH-716M-NF	21	—	7/16 plug to N jack	62.89	58.62

## C Connectors

Medium size and weatherproof. Two stud bayonet lock. Constant 50 Ω impedance. Frequency: 0-11 GHz, 1500 V typical. Braid clamp cable termination.



### Straight Plugs

Stock No.	Mfr.'s Type	Fig.	MIL Type	Description	EACH	
					1-9	10-24
70141727	82-530	1	UG-573A	For RG 8/9/87A/213/214/225	133.21	—
70141736	82-532	2	UG-628A*	For RG 8/9/87A/213/214/225	109.59	102.16

\*4000 V Peak.

### Panel Receptacle

Stock No.	Mfr.'s Type	Fig.	MIL Type	Description	1-9	10-24
70141738	82-504	3	UG-568/U	#6-32 Tapped Flange Holes	55.97	51.83

## 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 Cables	EACH	
						1-24	25-49
70142858	79875	1	—	Clamp/solder	55, 58, 141, 142, 223, 400	41.38	38.58
70142890	79875-RFX	1	—	Clamp/solder	58, 141	3.47	3.23
70142864	31-2367	2	M23329/4-01, 4-03	Crimp/crimp	58, 141	7.01	6.78
70142888	31-2367-RFX	2	—	Crimp/crimp	58, 141	1.92	1.70
70142859	36825	2	—	Crimp/crimp	58, 141	5.86	5.48
70142631	31-2368	2	M23329/4-05	Crimp/crimp	59, 62	5.28	4.90
70141751	31-4452	2	M39012/26-0503	Crimp/crimp	142, 400	11.13	10.36
70142627	31-2315	2	—	Crimp/crimp	174, 188, 316	7.58	7.21
70142885	31-2315-RFX	2	—	Crimp/crimp	174, 188, 316	2.16	2.05
70142926	31-2242-RFX	2	—	Crimp/crimp	179, 187	2.77	2.59
70142629	31-2373	2	M23329/4-02, 4-04	Crimp/crimp	142, 223	5.55	5.28

### Right-Angle Plug

Stock No.	Mfr.'s Type	Fig.	MIL Type	Termination	RG/U Cables	1-9	10-24
70142632	31-2381	3	—	Crimp/crimp	55, 142, 223, 400	17.44	16.21

### Straight Jacks

Stock No.	Mfr.'s Type	Fig.	MIL Type	Termination	RG/U Cables	1-9	10-24
70142892	31-2374-RFX	4	—	Crimp/crimp	58, 141	2.16	2.01

### Bulkhead Jacks

Stock No.	Mfr.'s Type	Fig.	MIL Type	Termination	RG/U Cables	EACH	
						1-9	10-24
70142633	31-2389	5	M23329/4-13, 4-15	Crimp/crimp	58, 141	25.63	24.37
70142910	31-2389-RFX	5	—	Crimp/crimp	58, 141	3.98	3.69
70142628	31-2318	5	—	Crimp/crimp	174, 188, 316	12.97	12.34
70142887	31-2318-RFX	5	—	Crimp/crimp	174, 188, 316	3.64	3.52

### Panel Receptacles (Solder Cup Termination)

Stock No.	Mfr.'s Type	Fig.	Description	EACH	
				1-9	10-24
70142625	31-2300	6	3-56 tapped flange holes	9.63	9.63
70142928	31-2300-RFX	6	0.125" diameter flange holes	9.63	8.71

### Bulkhead Receptacles (Solder Cup Termination)

Stock No.	Mfr.'s Type	Fig.	Description	EACH	
				1-9	10-24
70142826	31-2301	7	Front mount	9.63	9.63
70142929	31-2301-RFX	7	Front mount	9.63	9.63

### In-Series Adapters

Stock No.	Mfr.'s Type	Fig.	Description	1-9	10-24
70142838	31-4804	8	Bulkhead, isolated jack-jack	15.26	14.76
70142630	31-4791	9	Straight, jack-jack	44.82	43.25
70142993	79125	10	Angle, plug-jack	42.35	39.46
70142617	79100	11	Bulkhead, pressurized, jack-jack	61.42	57.24

### Accessories

Stock No.	Mfr.'s Type	Fig.	Description	1-9	10-24
70142992	78750	12	Male cap and chain	9.63	9.63
70142889	78750-RFX	12	Male cap and chain	2.15	9.63

## Mini-UHF Connectors



Designed for use in cellular mobile telephone and similar applications. 3/8-24 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.

### Straight Plug with Bright Nickel Finish

Stock No.	Mfr.'s Type	Fig.	Termination	RG/U Cable	EACH	
					1-24	25-49
70142971	81-114-RFX	1	Crimp/crimp	Belden 9258, 8X Type	4.76	4.43
70142673	81-115N-1000*	2	Crimp/crimp	58	3.79	3.53

\*Hollow center contact.

### Bulkhead Receptacle — Female Contact (0.390" Round Mounting Hole)

Stock No.	Mfr.'s Type	Fig.	MIL Type	Termination	RG/U Cable	1-9	10-24
70142972	81-120-RFX	3	—	—	—	2.72	—