

RF Connectors

BNC Bulkhead Jack Connectors 75 Ohm

Center Contact: Gold

Fig. 1



Fig. 2



Fig.	Description	Digi-Key Part No.	Price Each 1	25	AMP Part No.
1	Jack, Solder, Nickel	A24598-ND	26.62	22.90	221244-1
2	Jack, Sealed Solder, Nickel Jack, Sealed Solder, Nickel	A24599-ND A32348-NDΔ	52.83 52.83	45.44 45.44	414217-1 5414217-1

Δ RoHS Compliant

BNC PC Board/Panel Mount Jack Connectors 75 Ohm

Hardware not included

Fig. 1



Fig. 2



Fig.	Description	Contact Finish	Digi-Key Part No.	Price Each 1	25	AMP Part No.
1	Vertical, Metal Vertical, Metal	Gold 30µ Gold 30µ	A24604-ND A32401-NDΔ	58.81 60.85	50.62 52.30	222132-1 5222132-1
2	Right Angle, VALOX, White Right Angle, VALOX, White Right Angle, VALOX, Black Right Angle, VALOX, Black Right Angle, VALOX, White	Gold 30µ Gold 30µ Gold 30µ Gold 30µ Gold 50µ	A24600-ND A32402-NDΔ A24601-ND A32403-NDΔ A24602-ND	66.75 66.75 64.54 66.75 78.62	57.41 57.41 56.53 57.41 67.62	413194-1 5413194-1 413194-2 5413194-2 414459-1
	Right Angle, VALOX, White Right Angle, Metal Right Angle, Nickel	Gold 50µ Gold 30µ Gold 30µ	A32404-NDΔ A32405-NDΔ A30569-ND	78.62 43.00 41.61	67.62 36.98 35.80	5414459-1 5222092-1 414907-1

Δ RoHS Compliant

BNC PC Board Mount Jack Connectors 75 Ohm

Center Contact: Gold (except A24607-ND: Silver)

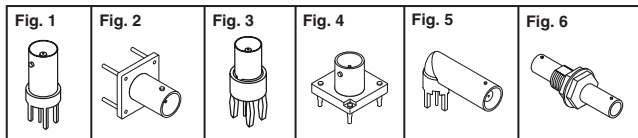


Fig.	Description	Digi-Key Part No.	Price Each 1	25	AMP Part No.
1	Vertical Metallized, Tin-Lead Vertical Metallized, Tin-Lead	A24606-ND A32406-NDΔ	53.24 33.58	45.79 28.88	414394-1 5414394-1
2	Vertical Metallized, Nickel Vertical Metallized, Nickel	A24607-ND A32407-NDΔ	51.60 47.34	44.38 40.68	413986-1 5413986-1
3	Press Fit, Nickel, L (excl. pins): .810 Press Fit, Nickel, L (excl. pins): .810 Press Fit, Nickel, L (excl. pins): .640 Press Fit, Nickel, L (excl. pins): .640	A24608-NDΔ A32408-NDΔ A24609-NDΔ A32409-NDΔ	37.67 37.67 51.60 51.60	32.40 32.40 44.38 44.38	222462-1 5222462-1 414088-1 5414088-1
4	Vertical Metallized (PCB: .125 min.) Vertical Metallized (PCB: .125 min.)	A24610-ND A32410-NDΔ	72.49 73.55	62.41 63.22	221336-3 5221336-3
5	Right Angle, Nickel Right Angle, Nickel Right Angle, Tin-Lead Right Angle, Tin-Lead	A24611-ND A32411-NDΔ A24612-ND A32492-NDΔ	47.75 49.39 75.76 70.84	41.05 42.44 65.16 60.93	413558-1 5413558-1 413558-2 5413558-2
6	Bulkhead Jack Adapter, Nickel	A24613-ND	79.44	68.33	222117-1

Δ RoHS Compliant

BNC JIS Hex Crimp Cable Plug Connectors 50 Ohm and 75 Ohm

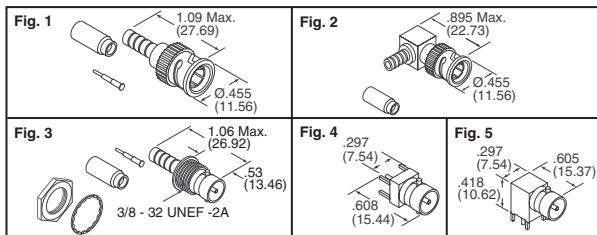
Body Plating: Nickel Center Contact: Gold



Impedance Ohm	JIS Cable	Digi-Key Part No.	Price Each 1	25	AMP Part No.	CERTI-CRIMP Hand Tool
75	3C-2V	A24542-ND	30.14	25.89	1-413589-1	A9992-ND
	3C-2W	A24543-ND	30.14	25.89	1-413589-4	A9992-ND
	2.5C-2V	A24544-ND	37.52	32.27	1-413589-6	A9971-ND
	2.5C-2W	A24545-ND	30.14	25.89	1-413589-5	A9992-ND
50	3D-2V	A24547-ND	18.92	16.24	3-221128-1	A9972-ND
	1.5D-2V	A24548-ND	18.92	16.24	3-221128-2	—

Mini BNC Connectors 75 Ohm

Dim. in inches (mm)



Features: • Offer 40% more interconnects than standard BNC connectors in the same area • Ideal for telecommunications and broadband applications Materials: • Brass/nickel shells, bodies and mounting nuts • Phosphor bronze and brass/gold center contacts Specifications: • Dielectrics: PTFE • Freq.: DC 2GHz • Nom. Impedance: 75Ω • Voltage Rating: 300V • Temp. Ratings: -40°C - 85°C

Fig.	Description	Cable Group RG/U	Digi-Key Part No.	Price Each 1	100	AMP Part No.
1	Straight Cable Plug	735A	A30530-ND	82.15	55.84	1274563-1
		734A	A30531-ND	80.67	54.86	1274563-2
		RG 179	A30532-ND	80.67	54.86	1274563-3
2	Right Angle Cable Plug	735A	A30533-ND	91.15	61.96	1274566-1
		734A	A30534-ND	89.52	60.85	1274566-2
		RG 179	A30535-ND	89.52	60.85	1274566-3
3	Bulkhead Cable Jack	735A	A30536-ND	58.56	39.82	1274568-1
		734A	A30537-ND	57.58	39.13	1274568-2
		RG 179	A30538-ND	57.58	39.13	1274568-3
4	Straight Jack Receptacle	—	A30539-ND	51.60	35.09	1274571-1
5	Right Angle Jack Receptacle	—	A30540-ND	80.67	54.86	1274572-1
Die Set for 735A/RG179, use with A9996-ND.....				A9993-ND	343.98	58425-2
Die Set for 734A, use with A9996-ND.....				A9992-ND	343.98	58425-1

BNC RF PC Board / Panel Mount Decoupled Jack Connectors

50 Ohm

Body Plating: VALOX, Black Center Contact: Gold Hardware not included

Fig. 1



Fig. 2



Fig.	Impedance Ohm	Mounting Post Length (Inches)	Capacity/Voltage	Digi-Key Part No.	Price Each 1	25	AMP Part No.
Vertical							
1	50	.137	9400pF / 1500V	A24615-ND	54.88	47.26	413476-2
		.137	9400pF / 1500V	A32414-NDΔ	55.69	47.90	5413476-2
Low Profile, Right Angle							
2	50	.158	9400pF / 1500V	A24618-ND	29.98	25.80	413515-2
		.158	9400pF / 1500V	A32415-NDΔ	30.47	26.18	5413515-2
		.110	7900pF / 1600V	A24620-ND	34.48	29.73	413515-7
		.110	7900pF / 1600V	A32416-NDΔ	34.97	30.10	5413515-7
		.185	9400pF / 1500V	A24621-ND	30.55	26.28	413515-8
		.185	9400pF / 1500V	A32417-NDΔ	27.19	23.42	5413515-8
		.110	9400pF / 1500V	A24622-ND	29.98	25.80	413515-9
		.110	9400pF / 1500V	A32418-NDΔ	30.47	26.18	5413515-9
Standard, Right Angle							
2	50	.158	9400pF / 1500V	A24624-ND	37.11	31.95	413524-2
		.158	9400pF / 1500V	A24564-ND	36.04	31.00	5413524-2
		.110	9400pF / 1500V	A24625-ND	42.18	36.28	413524-5
		.110	9400pF / 1500V	A32420-NDΔ	40.95	35.22	5413524-5

Δ RoHS Compliant

Terminator Plugs 50, 75, 93 Ohm

Body Plating: Nickel Center Contact: Gold



Description	Resistor Specification	Digi-Key Part No.	Price Each 1	25	AMP Part No.
With Tether	1 Watt, 50 Ohm	A24563-ND	64.70	55.65	221629-1
Without Tether	1 Watt, 50 Ohm	A24564-ND	47.91	41.21	221629-4
With Tether	1 Watt, 75 Ohm	A24565-ND	124.73	107.24	221629-2
Without Tether	1 Watt, 75 Ohm	A24566-ND	74.77	64.28	221629-5
With Tether	1 Watt, 50 Ohm*	A24568-ND	67.40	57.94	1-221629-6
Without Tether	1 Watt, 93 Ohm*	A24567-ND	72.32	62.16	221629-6

* Tether is conductive with #4 stud size.

BNC Action Pin / Bulkhead Decoupled Jack Connectors

Body Plating: Nickel Center Contact: Gold



Description	Digi-Key Part No.	Price Each 1	25	AMP Part No.
Jack, PC Board Action Pin, 50 Ohm	A24627-ND	131.70	113.23	414553-1

Twin BNC and Twin-Ax Jack Connectors

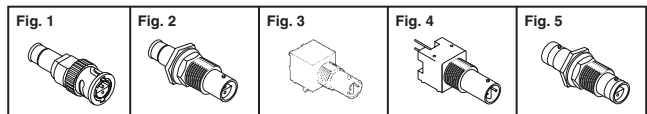


Fig.	Description	Cable Group RG/U	Digi-Key Part No.	Price Each 1	25	AMP Part No.
1	Plug, Silver*	108, 108A, Belden 9272, 89272	A24705-ND	180.84	155.49	332225
		108, 108A, Belden 9272, 89272	A24706-ND	140.05	120.45	332225-5
2	Bulkhead Jack, Silver*	108, 108A, Belden 9272, 89272	A24707-ND	212.37	182.61	332342
3	Right Angle Jack w/Mounting Posts, VALOX, White	—	A24708-ND†	88.86	76.43	228686-1
		—	A32412-ND†Δ	89.11	76.60	5228686-1
4	Vertical Jack w/Mounting Posts, VALOX, White	—	A24709-ND†	177.31	152.50	221198-1
		—	A32413-ND†Δ	174.04	149.68	5221198-1
5	Bulkhead Jack Adapter, Nickel (Center Contact: Silver)	—	A24710-ND	210.32	180.84	332215

Δ RoHS Compliant * Center contact: silver † Hardware not included