



Note: These connectors meet or exceed military specification, but aren't on the RPL and are intended for commercial use only. Military specification numbers, where shown, are for reference only.

RFX™ Commercial Coaxial Connectors

BNC 3-Piece Crimp-Type Plugs

Miniature bayonet-lock units. Materials: Body — brass or diecast brass. Plating: Nickel. Contacts: Male — brass, gold plated; Female — phosphor bronze, gold plated. Insulator: Delrin or Teflon (where noted). Frequency: 50 Ω — 0.4GHz, 75 Ω — 0-1 GHz.

Stock No.	Mfr.'s Type	Fig.	RG/U Cable	Cable Attachment		Imp.	EACH		
				Outer	Inner		1-24	25-99	100-249
713-9000	31-5558-RFX	1	6 (0.314" O.D.)	Crimp	Crimp	50 ohm	3.01	2.28	1.83
713-9004	31-71000-RFX	1	6	Crimp	Crimp	75 ohm	2.49	1.98	1.68
713-9005	31-320-RFX	1	58, 141	Crimp	Crimp	50 ohm	1.54	1.22	1.04
713-9007	36650-RFX	1	Plenum 58	Crimp	Crimp	50 ohm	1.30	1.09	.93
713-9010	31-321-RFX	1	59, 62	Crimp	Crimp	50 ohm	1.48	1.17	1.00
713-9006	31-71008-RFX	1	59, 62	Crimp	Crimp	75 ohm	1.40	1.11	.95
713-9003	31-71008-1RFX	1	59 (20 AWG ctr. cond.)	Crimp	Crimp	75 ohm	1.49	1.18	1.01
713-9011	68175-5RFX	1	59 (20 AWG ctr. cond.)	Crimp	Crimp	50 ohm	1.49	1.17	1.00
713-9012	68175-11RFX	1	Plenum 59	Crimp	Crimp	50 ohm	1.72	1.36	1.17
713-9020	31-242-RFX	1	179, 187	Crimp	Crimp	50 ohm	2.10	1.63	1.37
713-9008	31-71013-RFX	1	179, 187	Crimp	Crimp	75 ohm	1.80	1.43	1.22
713-9015	31-315-RFX	1	174, 188, 316	Crimp	Crimp	50 ohm	1.92	1.53	1.29
713-9025	31-321-10RFX	1	Belden 8281	Crimp	Crimp	50 ohm	1.87	1.48	1.26

*20 AWG Center Cond.

BNC 2-Piece Single Crimp Plugs

Stock No.	Mfr.'s Type	Fig.	RG/U Cable	Cable Attachment	Press fit	Imp.	1-24	25-99	100-249
713-9030	31-5557-RFX	2	58, 141, 142	Crimp	Press fit	50 ohm	1.96	1.56	1.33
713-9040	31-5556-RFX	2	59, 62	Crimp	Press fit	50 ohm	2.05	1.63	1.38
713-9045	31-5560-RFX	2	Plenum 59, 62	Crimp	Press fit	50 ohm	2.05	1.56	1.31

BNC SureTwist® Plugs

Stock No.	Mfr.'s Type	Fig.	RG/U Cable	Cable Attachment	Imp.	1-24	25-99	100-249	
713-9050	31-5137-RFX	3	58	SureTwist®	—	50 ohm	1.80	1.43	1.22
713-9055	31-5136-RFX	3	59	SureTwist®	—	50 ohm	1.80	1.43	1.22

BNC Clamp-Type Plugs

Stock No.	Mfr.'s Type	Fig.	RG/U Cable	Cable Attachment	Solder	Imp.	1-24	25-99	100-249
713-9060	31-2-RFX	4	58, 141, 142	Clamp	Solder	50 ohm	2.00	1.58	1.35
713-9065	31-212-RFX	4	59, 62	Clamp	Solder	50 ohm	1.99	1.57	1.34

BNC Quicktrim® Plug

Stock No.	Mfr.'s Type	Fig.	RG/U Cable	Cable Attachment	Imp.	1-24	25-99	100-249	
713-9002	31-4541-RFX	5	59, 62	—	Quicktrim®	50 ohm	3.99	3.23	2.75

Right Angle Crimp Plugs — Diecast Body

Stock No.	Mfr.'s Type	Fig.	RG/U Cable	Cable Attachment	Imp.	1-24	25-99	100-249	
713-9034	31-335-RFX	6	58, 141	—	—	50 ohm	3.76	3.13	2.57
713-9036	31-336-RFX	6	59, 62	—	—	50 ohm	4.41	3.57	3.04
713-9031	31-316-RFX	6	174, 188, 316	—	—	50 ohm	5.65	4.71	4.04

BNC 3-Piece Crimp Jack

Stock No.	Mfr.'s Type	Fig.	RG/U Cable	Cable Attachment	Imp.	1-24	25-99	100-249	
713-9068	36800-RFX	7	58, 141	Crimp	—	50 ohm	1.56	1.24	1.05
713-9032	31-327-RFX*	7	58, 141	—	—	50 ohm	1.76	1.39	1.19
713-9033	31-328-RFX*	7	59, 62	—	—	50 ohm	1.76	1.39	1.19
713-9069	31-71014-RFX	7	179, 187	Crimp	Crimp	75 ohm	2.26	1.76	1.41

*Captive contact, teflon insulation.

Twinaxial Connectors

Keyed 90° Twinax Connectors

Plug, Twin Male Contacts

Stock No.	Mfr.'s Type	Fig.	RG/U Cable	Cable Attachment		IBM Ref. No.	EACH		
				Outer	Inner		1-24	25-99	100-249
713-9130	82-5589-RFX	19	Belden 8227, 9207, IBM 7362211	Clamp	Solder or Crimp	7362229	4.68	3.79	3.22

BNC Bulkhead Jacks — Non-Captive Contacts

Stock No.	Mfr.'s Type	Fig.	RG/U Cable	Cable Attachment		Imp.	EACH		
				Outer	Inner		1-24	25-99	100-249
713-9037	31-342-RFX	8	58, 141	—	—	50 ohm	2.56	2.14	1.83
713-9009	31-71011-RFX	8	59, 62	—	—	75 ohm	2.52	2.12	1.80
713-9070	31-318-RFX	8	174, 188, 316	Crimp	Crimp	50 ohm	3.31	2.68	2.28
713-9075	31-245-RFX	8	179, 187	Crimp	Crimp	50 ohm	3.36	2.58	2.19
713-9043	31-71016-RFX	8	179, 187	—	—	75 ohm	3.17	2.57	2.18

BNC Panel Receptacle

Stock No.	Mfr.'s Type	Fig.	Description	Terminal Type	Imp.	EACH		
						1-24	25-99	100-249
713-9062	31-203-RFX	9	0.125" holes (4)	Solder cup	50 ohm	3.10	2.51	2.13

Front Mount BNC Bulkhead Receptacles

Stock No.	Mfr.'s Type	Fig.	Description	Terminal Type	Imp.	1-24	25-99	100-249
713-9080	31-10-RFX	10	Isolated from panel	Solder cup grounding tab	50 ohm	2.25	1.79	1.51
713-9085	31-221-RFX	11	0.125" max. panel	Solder cup	50 ohm	1.44	1.15	.98
713-9087	31-221-75RFX	11	0.125" max. panel	Solder Cup	75 ohm	1.26	1.05	.90
713-9095	31-10152-RFX	12	Lug for inside panel for ground wire to circuit	—	—	.49	.39	.33

BNC Adapters

Stock No.	Mfr.'s Type	Fig.	Description	Terminal Type	Imp.	1-24	25-99	100-249
713-9100	31-9-RFX	13	Right angle jack-plug	—	50 ohm	4.22	3.40	2.89
713-9102	31-218-RFX	14	Straight plug-plug	—	50 ohm	2.64	2.14	1.82
713-9104	31-218-75RFX	14	Straight plug-plug	—	75 ohm	3.34	2.71	2.30
713-9105	31-219-RFX	15	Straight jack-jack	—	50 ohm	3.36	2.72	2.31
713-9110	31-220G-RFX	16	Bulkhead pressurized jack-jack	—	50 ohm	3.46	2.81	2.38
713-9115	31-220N-RFX	16	Bulkhead non-sealed jack-jack	—	50 ohm	3.50	2.84	2.41
713-9117	31-220N-75RFX	16	Bulkhead non-sealed jack-jack	—	75 ohm	3.10	2.51	2.13
713-9028	31-4803-RFX	16	Bulkhead jack-jack isolated from ground	—	50 ohm	2.59	2.11	1.78
713-9120	31-208-RFX	17	Tee jack-plug-jack	—	50 ohm	3.84	3.11	2.64

BNC PCB Receptacles

Post terminal 4 legs. 0.433" base, 0.176" long post terminal, 0.037" dia.

Stock No.	Mfr.'s Type	Fig.	Description	Terminal Type	Imp.	1-24	25-99	100-249
713-9039	31-5329-51RFX*	—	—	—	50 ohm	1.66	1.34	1.14
713-9041	31-5329-52RFX†	—	—	—	50 ohm	1.82	1.47	1.25
713-9042	31-5329-72RFX†	—	—	—	75 ohm	2.27	1.84	1.56

*Silver plated. †Gold plated.

Resistor Terminated Male Cap

Stock No.	Mfr.'s Type	Fig.	Description	Terminal Type	Imp.	1-24	25-99	100-249
713-9097	46650-51RFX	18	—	—	50 ohm	2.15	1.71	1.45
713-9098	46650-75RFX	18	—	—	75 ohm	2.19	1.74	1.49
713-9099	46650-93RFX	18	—	—	93 ohm	2.08	1.65	1.40

Stock No.	Mfr.'s Type	Fig.	Description	IBM Ref. No.	EACH		
					1-24	25-99	100-249
713-9135	82-5588-RFX	20	Straight adapter jack-jack	7362230	5.12	4.27	3.66
713-9140	82-5590-RFX	21	Bulkhead receptacle front-mount solder cup terminal	7362179	7.08	5.74	4.86

Tee Adapters

Stock No.	Mfr.'s Type	Fig.	Description	Terminal Type	Imp.	1-24	25-99	100-249
713-9145	82-5677-RFX	22	Jack-jack-jack	—	10.11	8.34	7.08	
713-9150	26850-RFX	23	Jack-plug-jack	—	11.28	9.40	7.98	