

AMPHENOL® RF Connectors



This page of product is RoHS compliant.

Amphenol®

NON-MAGNETIC COAXIAL CONNECTORS

Designed to carry 50Ω signals within the magnetic imaging field of MRI equipment where a high signal-to-noise ratio (SNR) is required. Connector will not produce image artifacts during MRI scans. All product is 100% tested for magnetism prior to shipping.

• Contact and body plating: Gold over white bronze

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Series	Description	Cable Type	Price Each			
						1	10	100	250
523-908-NM43200	908-NM43200	A	MMCX	Right Angle Plug	RG-178	11.70	10.64	9.04	8.24
523-908-NM43300	908-NM43300	A	MMCX	Right Angle Plug	RG-316	12.30	11.19	9.51	8.67
523-908-NM22106	908-NM22106	B	MMCX	Straight PCB Jack	-	6.31	6.05	5.00	4.47
523-908-NM24100	908-NM24100	C	MMCX	Right Angle PCB Jack	-	15.61	14.50	11.15	10.41
523-919-NM122P-51A	919-NM122P-51A	D	MCX	Right Angle Plug	RG-178	10.49	10.03	8.43	7.52
523-919-NM109J-51P	919-NM109J-51P	E	MCX	Straight PCB Jack	-	7.10	6.81	5.63	5.03
523-919-NM119J-51A	919-NM119J-51A	F	MCX	Right Angle PCB Jack	-	11.53	10.48	8.91	8.12
523-903-NM291P-51A	903-NM291P-51A	G	SMB	Right Angle Plug	RG-178	17.91	16.63	12.79	11.94
523-903-NM285P-51S	903-NM285P-51S	H	SMB	Straight Plug	RG-316	9.66	9.23	7.76	6.92

BNC COMMERCIAL CONNECTORS

• Bayonet-style coupling for quick connect and disconnect
• Weatherproof with other Amphenol BNC Connectors

• Impedance: 50Ω to 75Ω
• Frequency Range: 0-4GHz
• Temperature Range: -55°C to 85°C

• Voltage Rating: 500 Volts Peak
• Mating: 2 stud Bayonet Coupling

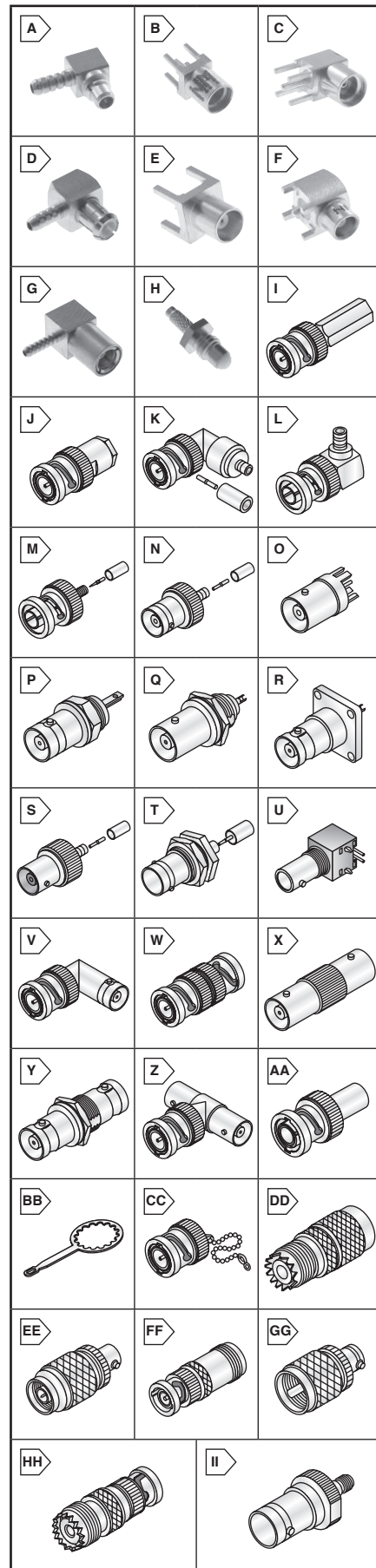
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Mfr.	Mfr. Part No.	Fig.	Imp.	Cable Attachment Outer-Inner	Cable/Description	Crimp Tool No.	Price Each			
								1	10	25	100
Straight Plugs - Cable Clamp Type											
523-31-5136RFX	I	50	Suretwist®	RG59/62/140/210, Belden 8241/8263/8279/9209	-	2.12	1.92	1.48	1.41		
523-31-5137-RFX	I	50	Suretwist®	RG58/58A/58C/141/303, LMR 195, Belden 7806A	-	2.72	2.35	1.93	1.80		
523-31-2-RFX	J	50	Clamp-Solder	RG58/58A/58C/141/303, LMR 195, Belden 7806A	-	2.18	1.93	1.45	1.35		
523-31-212-RFX	J	50	Clamp-Solder	RG59/62/140/210, Belden 8241/8263/8279/9209	-	2.97	2.80	2.77	2.28		
Right Angle Plug - Crimp Type											
523-31-335-RFX	K	50	Dual Crimp	RG58/141/303, LMR 195, Belden 7806A	CTL-1	5.77	5.55	5.39	4.74		
523-31-5911-RFX	L	50	Dual Crimp	RG58/141	CTL-1	3.99	3.88	3.73	3.49		
Straight Plugs - Crimp Type											
523-31-5556-RFX	M	50	Crimp-Press Fit	RG59, 59 20 AWG	CTL-2	3.52	2.35	1.80	1.67		
523-31-5999-RFX	M	50	Dual Crimp	Belden 9258, RG-8X	CTL-1	6.48	5.95	5.51	5.51		
523-31-320-RFX	M	50	Dual Crimp	RG58/58A/58C/141/303, LMR 195, Belden 7806A	CTL-1	1.42	1.31	1.12	1.03		
523-31-321-RFX	M	50	Dual Crimp	RG59/62/140/210, Belden 8241/8263/8279/9209	CTL-1	3.35	2.17	1.83	1.64		
523-31-5998-RFX	M	50	Dual Crimp	Belden 9913/9914, LMR 400	CTL-1	6.63	6.45	6.18	5.44		
523-31-71008-RFX	M	75	Dual Crimp	RG59/62/140/210, Belden 8241/8263/8279/9209	CTL-1	1.72	1.62	1.56	1.47		
523-31-71008-1RFX	M	75	Dual Crimp	RG59, 59 20 AWG	CTL-1	1.85	1.66	1.51	1.33		
523-68175-5RFX	M	50	Dual Crimp	RG59, 59 20 AWG	CTL-1	3.34	2.18	1.45	1.29		
523-31-315-RFX	M	50	Dual Crimp	RG174/188A/316, Belden 7805	CTL-2	1.56	1.44	1.32	1.23		
523-31-71013-RFX	M	75	Dual Crimp	RG179/187, Belden 9221	CTL-2	1.93	1.68	1.53	1.41		
523-31-321-10RFX	M	50	Dual Crimp	Belden 8281/88281	CTL-2	2.48	2.31	1.83	1.74		
523-31-71000RFX	M	75	Dual Crimp	RG6/.295 Outer Diameter, Belden 1694A/9248	CTL-2	3.03	2.78	2.32	2.16		
523-36650-3RFX	M	50	Dual Crimp	Plenum 58	CTL-1	3.31	2.16	1.49	1.39		
523-31-242-RFX	M	50	Dual Crimp	RG179/187, Belden 9221	CTL-2	2.22	2.04	1.86	1.72		
Jacks											
523-36800-RFX	N	50	Dual Crimp	RG58/58A/58C/141/303, LMR 195, Belden 7806A	CTL-1	1.53	1.48	1.44	1.19		
523-31-71014-RFX	N	75	Dual Crimp	RG179/187, Belden 9221	CTL-2	2.08	1.88	1.73	1.59		
523-31-5329-51RFX	O	50	PCB Mount	Vertical Jack, Silver Contact, .433" Dia. Base	-	1.79	1.61	1.46	1.34		
523-31-5329-52RFX	O	50	PCB Mount	Vertical Jack, Gold Contact, .433" Dia. Base	-	2.23	2.02	1.66	1.59		
523-31-5329-72RFX	O	75	PCB Mount	Vertical Jack, Gold Contact, .433" Dia. Base	-	2.05	1.87	1.71	1.57		
523-31-10-RFX	P	50	Solder Cup	Bulkhead Front Mount, Isolated, Ground Tab	-	2.21	1.89	1.56	1.45		
523-31-221-RFX	Q	50	Solder Cup	Bulkhead Front Mount	-	1.76	1.60	1.29	1.11		
523-31-221-75RFX	Q	75	Solder Cup	Bulkhead Front Mount	-	1.91	1.57	1.36	1.27		
523-31-203RFX	R	50	Panel Mount	Square Flange 4 Hole, Solder Cup	-	2.98	2.71	2.36	2.18		
523-31-317-RFX	S	50	Dual Crimp	Straight, RG174/188/316	-	3.06	2.61	2.22	2.04		
523-31-318-RFX	T	50	Dual Crimp	Bulkhead, RG174/188A/316, Belden 7805	CTL-2	3.27	2.97	2.58	2.41		
523-31-245-RFX	T	50	Dual Crimp	Bulkhead, RG179/187, Belden 9221	CTL-2	3.97	3.70	3.42	3.42		
523-31-342-RFX	T	50	Dual Crimp	Bulkhead, RG58/141/303, LMR 195, Belden 7806A	CTL-1	3.20	3.10	2.99	2.62		
523-31-343-RFX	T	50	Dual Crimp	Bulkhead, RG59/62/140/210/8241/8263/8279/9209	CTL-1	4.31	3.74	3.09	2.87		
523-31-71011-RFX	T	75	Dual Crimp	Bulkhead, RG59/62/140/210/8241/8263/8279/9209	CTL-1	4.11	3.97	3.79	3.45		
523-31-71016-RFX	T	75	Dual Crimp	Bulkhead, RG179/187, Belden 9221	CTL-2	3.06	2.80	2.56	2.38		
523-31-5538-10-RFX	U	50	PCB Bulkhead	Right Angle Jack, Black Valox, Fork Pins	-	2.38	2.16	1.94	1.71		
523-31-5431-10RFX	U	50	PCB Bulkhead	Right Angle Jack, White Valox, Fork Pins	-	2.05	1.84	1.54	1.43		
Adapters and Accessories											
523-31-9-RFX	V	50	Jack to Plug	BNC Right Angle Adapter	-	4.26	3.90	3.29	3.06		
523-31-9-75RFX	V	75	Jack to Plug	BNC Right Angle Adapter	-	5.16	4.72	4.34	4.03		
523-31-218-RFX	W	50	Plug to Plug	BNC Straight Adapter	-	3.41	3.19	2.39	2.33		
523-31-218-75RFX	W	75	Plug to Plug	BNC Straight Adapter	-	4.16	3.97	3.89	3.36		
523-31-219-RFX	X	50	Jack to Jack	BNC Straight Adapter	-	3.20	2.96	2.53	2.32		
523-31-220N-RFX	Y	50	Jack to Jack	BNC Bulkhead Adapter, Non-sealed	-	3.43	3.09	2.36	2.16		
523-31-220G-RFX	Y	50	Jack to Jack	BNC Bulkhead Adapter, Gasketed	-	3.79	3.22	2.51	2.33		
523-31-4803-RFX	Y	50	Jack to Jack	Isolated Bulkhead, Adapter	-	3.41	3.12	2.86	2.64		
523-31-220N-75RFX	Y	75	Jack to Jack	BNC Bulkhead Adapter, Non-sealed	-	3.09	2.83	2.50	2.30		
523-31-208-RFX	Z	50	Jack-Plug-Jack	BNC Tee Adapter	-	5.51	4.57	3.46	3.07		
523-46650-51RFX	AA	50	Terminator	Male Cap, Resistor Terminated, 1% 1 watt	-	2.05	1.87	1.58	1.51		
523-46650-75RFX	AA	75	Terminator	Male Cap, Resistor Terminated, 1% 1 watt	-	2.18	2.00	1.85	1.82		
523-31-10152RFX	BB	50	Hardware	Grounding Lug	-	.48	.42	.35	.30		
523-31-6-RFX	CC	75	Hardware	Blue Male Cap with Chain	-	2.03	1.86	1.71	1.58		

BETWEEN SERIES ADAPTERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	MIL Type	Plating Body / Contact	Cable/Description	Price Each			
						1	10	25	100
523-4400	4400	DD	UG-146/U	Silver/Gold	N Plug to UHF Jack	22.33	20.41	18.74	16.69
523-79675	79675	EE	-	Nickel/Silver	BNC Jack to TNC Plug	29.45	29.01	23.82	22.80
523-31-216	31-216	EE	UG-201A/U	Nickel/Silver	BNC Jack to N Plug	16.77	11.84	10.05	9.27
523-31-216-RFX	31-216-RFX	EE	UG-201A	Nickel/Silver	BNC Jack to N Plug	15.45	13.41	13.07	12.75
523-31-217	31-217	FF	UG-349A/U	Gold/Gold	BNC Plug to N Jack	17.16	13.85	12.41	12.00
523-31-28	31-28	GG	UG-273/U	Gold/Gold	BNC Jack to UHF Plug	25.27	23.33	17.01	15.78
523-2900	2900	HH	UG-255/U	Gold/Gold	BNC Plug to UHF Jack	25.18	23.21	16.99	15.68
523-901-167	901-167	-	-	Nickel	BNC Jack to SMA Jack	43.95	40.45	36.08	34.91
523-901-165	901-165	-	-	Nickel	BNC Plug to SMA Jack	54.74	50.42	47.20	45.41



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