

# AMPHENOL RF Connectors and Adapters Amphenol®

RoHS Compliant This page of product is 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. Product is manufactured under strict quality procedures throughout the entire production process to ensure that each 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.	Description	Cable Type	Price Each			
					1	10	25	100
<b>Type MMCX</b>								
523-908-NM43200	908-NM43200	A	Right Angle Plug	RG-178	10.24	9.31	8.54	7.72
523-908-NM43300	908-NM43300	A	Right Angle Plug	RG-316	12.06	10.94	9.76	8.81
523-908-NM22106	908-NM22106	B	Straight PCB Jack	---	5.35	4.87	4.23	3.82
523-908-NM24100	908-NM24100	C	Right Angle PCB Jack	---	13.51	12.21	11.29	10.36
<b>Type MCX</b>								
523-919-NM122P-51A	919-NM122P-51A	D	Right Angle Plug	RG-178	9.45	8.58	7.87	7.25
523-919-NM109J-51P	919-NM109J-51P	E	Straight PCB Jack	---	6.02	5.47	5.01	4.63
523-919-NM119J-51A	919-NM119J-51A	F	Right Angle PCB Jack	---	8.98	8.06	7.49	6.97
<b>Type SMB</b>								
523-903-NM291P-51A	903-NM291P-51A	G	Right Angle Plug	RG-178	12.73	11.75	10.61	9.55
523-903-NM289P-51A	903-NM289P-51A	G	Right Angle Plug	RG-316	9.62	8.61	7.39	7.06
523-903-NM285P-51S	903-NM285P-51S	H	Straight Plug	RG-316	9.90	8.89	7.63	7.00

## AMPHENOL IN SERIES ADAPTERS

Amphenol's standard, in-line In-Series Adapters offer an attractive, seamless solution to all of your in-series interconnect needs.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	Price Each			
				1	10	25	100
523-132168	132168	H	SMA Straight Plug to Plug 50Ω	5.46	5.26	5.05	4.39
523-132168RP	132168RP	H	SMA Straight Plug to Plug; Reverse Polarity 50Ω	10.19	9.18	8.42	7.78
523-132169	132169	I	SMA Straight Jack to Jack 50Ω	3.97	3.64	3.29	2.98
523-132170	132170	J	SMA Straight Bulkhead Jack to Jack 50Ω	6.16	5.57	5.11	4.71
523-132170RP	132170RP	J	SMA Straight Bulkhead Jack to Jack; Reverse Polarity 50Ω	10.90	9.95	8.84	8.21
523-132171	132171	K	SMA Straight Plug to Jack 50Ω	5.79	5.27	4.96	4.51
523-132171RP	132171RP	K	SMA Straight Plug to Reverse Polarity Jack; 50Ω	5.35	4.91	4.08	3.75
523-132171RP-10	132171RP-10	K	SMA Straight Reverse Polarity Plug to Jack, 50Ω	5.77	5.10	4.57	3.99
523-132171RP-RP	132171RP-RP	L	SMA Straight Reverse Polarity Plug to Reverse Polarity Jack, 50Ω	7.26	6.62	6.09	5.71
523-132172	132172	M	SMA Right Angle Plug to Jack 50Ω	6.91	6.71	6.13	5.64
523-132172RP	132172RP	M	SMA Right Angle Plug to Jack; Reverse Polarity 50Ω	7.97	7.04	6.44	6.02
523-132216	132216	N	SMA Jack to Jack to Jack Tee 50Ω	11.10	9.99	9.21	8.55
523-132217	132217	O	SMA Jack to Plug to Jack Tee 50Ω	12.22	11.75	11.15	9.51
523-132274	132274	P	SMA Right Angle Jack to Jack 50Ω	7.18	6.55	5.98	5.43
523-132339	132339	Q	SMA Right Angle Plug to Plug, 50Ω	7.92	7.21	6.41	5.95
523-112437	112437	-	BNC Straight Bulkhead Jack to Jack 50Ω	3.33	3.05	2.83	2.59
523-112438	112438	-	BNC Straight Bulkhead Jack to Jack 75Ω	3.41	3.13	2.89	2.65
523-112439	112439	-	BNC Straight Bulkhead Isolated Jack to Jack 50Ω	4.93	4.51	4.11	3.82
523-112440	112440	-	BNC Straight Bulkhead Isolated Jack to Jack 75Ω	5.04	4.65	4.10	3.89
523-112443	112443	-	BNC Straight Jack to Jack 50Ω Isolated	4.13	3.94	3.59	3.25
523-112445	112445	-	BNC Straight Jack to Jack 50Ω	2.57	2.46	2.32	1.96
523-112447	112447	-	BNC Straight Plug to Plug 50Ω; Brass	3.49	3.20	2.96	2.75
523-112455	112455	-	BNC Straight Jack to Jack to Jack Tee 50Ω	5.83	5.33	4.95	4.70
523-112461	112461	-	BNC Straight Jack to Plug to Jack Tee 50Ω	2.46	2.18	2.04	1.89
523-122352	122352	-	TNC Right Angle Plug to Jack 50Ω	4.50	4.11	3.63	3.37
523-172124	172124	R	N Straight Jack to Jack 50Ω	6.31	5.76	5.30	4.91

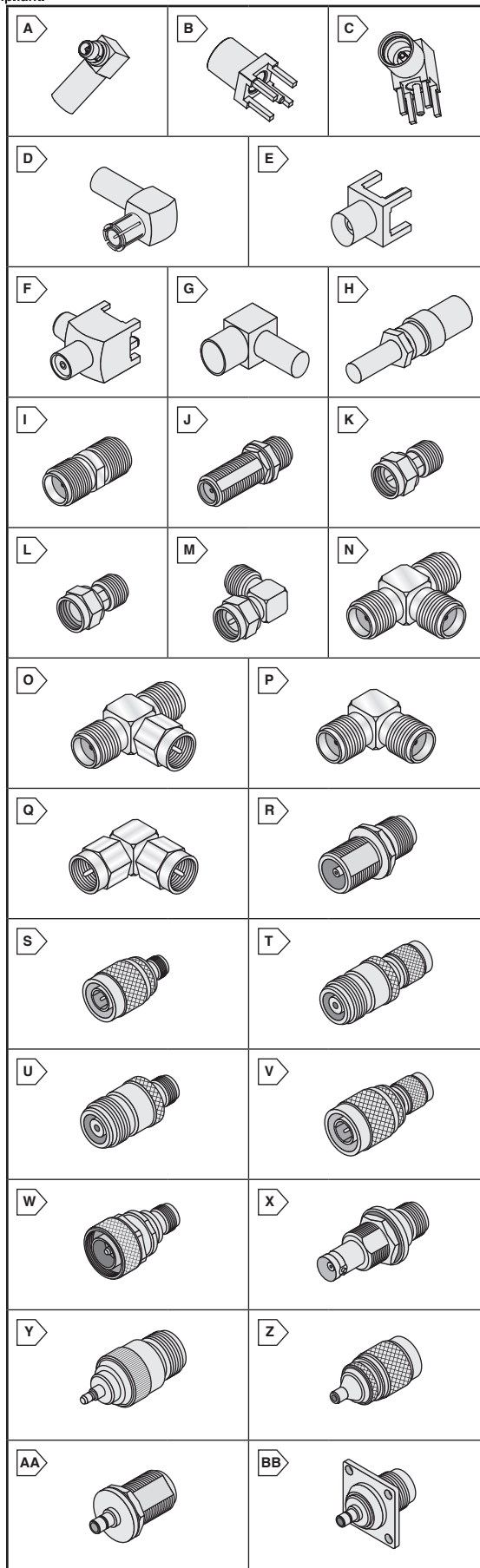
## AMPHENOL BETWEEN SERIES ADAPTERS

Amphenol's standard, in-line Between-Series Adapters offer an attractive, low-VSWR solution to all of your between series interconnect needs.

### Type N

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	Price Each			
				1	10	25	100
523-242120	242120	-	N Jack to F Jack	16.96	14.60	13.38	12.86
523-242130	242130	S	N Plug to TNC Jack	15.16	14.87	14.08	12.63
523-242130RP	242130RP	S	N Plug to TNC Jack; Reverse Polarity	13.01	11.89	11.09	9.94
523-242131	242131	T	N Jack to TNC Plug	10.20	9.36	8.36	7.34
523-242131RP	242131RP	T	N Jack to TNC Plug; Reverse Polarity	15.16	14.87	14.08	12.63
523-242132	242132	-	N Jack to TNC Jack	15.25	13.67	13.01	13.01
523-242132RP	242132RP	-	N Jack to TNC Jack; Reverse Polarity	13.66	12.48	11.64	11.32
523-242133	242133	U	N Plug to TNC Plug	16.70	15.26	14.25	13.68
523-242133RP	242133RP	V	N Plug to TNC Plug; Reverse Polarity	17.66	16.42	13.91	12.85
523-242136	242136	W	N Jack to 7/16 Plug	58.22	54.03	47.43	44.30
523-242152	242152	-	N Jack to F Plug	17.61	16.10	13.21	12.19
523-242156	242156	-	N Plug to F Jack	10.42	9.11	8.64	7.02
523-242162	242162	X	N Jack to BNC Bulkhead Jack	26.33	25.44	24.05	22.81
523-242167	242167	Y	N Jack to MMCX Plug	30.42	28.85	27.50	26.33
523-242170	242170	Z	N Plug to MCX Jack	23.37	21.57	20.03	18.69
523-242183	242183	AA	N Jack to SMB Bulkhead Jack	17.59	16.46	14.18	12.89
523-242198	242198	BB	N Jack to SMB Jack	25.38	22.94	19.67	18.31



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