

## MINI SMB 75 OHM CONNECTORS

SMB connectors feature quick connect/disconnect snap-on mating. Mini 75 ohm connectors are matched-impedance SMB connectors to be used with 75 ohm miniature coax cables. The connectors are the same size as, and interchangeable with, standard 50 ohm connectors.

- Impedance: 75 ohm
  - Finish: Gold, unless part number is noted with \* = Nickel
  - Frequency range: 0-4 GHz
  - Body Material: Brass
  - Center Contact: 90µ" Gold
  - Insulation: Teflon
- For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	Cable	Crimp Tool	Price Each				
						1	10	25	100	250
523-142186-75	142186-75	A	Straight Crimp Plug	179/U	47-10150	4.85	3.90	3.70	3.24	2.99
523-142187-75	142187-75	A	Straight Crimp Plug	179 Double Braid	47-10160	4.85	3.90	3.70	3.24	2.99
523-142134-75	142134-75	B	Vertical Plug for PC Board	---	---	4.32	3.89	3.49	3.08	2.84
523-142194-75	142194-75	C	Right Angle Cable Plug	179/U	47-10150	5.26	4.48	4.24	3.72	3.45
523-142176-75	142176-75	C	Right Angle Cable Plug	179 Double Braid	47-10160	5.26	4.48	4.24	3.72	3.45
523-142189-75	142189-75	D	Straight Crimp Jack	179/U	47-10150	3.13	2.86	2.52	2.21	2.05
523-142136-75	142136-75	E	Vertical Jack for PC Board	---	---	2.90	1.96	1.86	1.63	1.51
523-142146-75	142146-75	F	Right Angle Jack for PC Board	---	---	3.96	3.37	3.19	2.80	2.60
523-142179-75	142179-75*	G	Bulkhead Feedthrough Cable JK	179/U	47-10150	3.39	2.86	2.73	2.40	2.23

## SMA SERIES FOR LMR AND SEMI-RIGID CABLES

These SMA connectors offer a compact size and mechanically give outstanding durability.

- Impedance: 50 ohm
  - Finish: Gold
  - Frequency Range: 0-16GHz (semi-rigid); 0-12.4GHz (flexible cable)
  - Body Material: Brass
  - Center Contact: Brass
  - Insulation: Teflon
- For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	Cable	Crimp Tool	Price Each				
						1	10	25	100	250
523-132114	132114	H	Straight Crimp Plug	LMR100/RG316/U	47-10150	2.82	2.36	2.12	1.85	1.85
523-132113	132113	H	Straight Crimp Plug	LMR195/RG58/U	47-10070	2.62	2.36	2.12	1.85	1.85
523-132234	132234	H	Straight Crimp Plug	LMR200	47-10070	3.02	2.71	2.44	2.25	2.13
523-132231	132231	H	Straight Crimp Plug	LMR 240/8X	47-10070	4.32	3.66	3.49	3.22	3.00
523-132298	132298	H	Straight Crimp Plug	LMR 400/B9913	47-10210	5.51	4.95	4.48	4.09	3.89
523-132100	132100	I	Straight Solder Plug(no contact)	.141 Semi-Rigid	---	1.24	1.11	.89	.80	.80
523-132102	132102	J	Straight Solder Plug(w/ contact)	.141 Semi-Rigid	---	2.26	2.03	1.83	1.68	1.59
523-132101	132101	J	Straight Solder Plug	.085 Semi-Rigid	---	2.26	2.03	1.83	1.68	1.69
523-132249	132249	J	Straight Solder Plug	.047 Semi-Rigid	---	3.11	2.78	2.51	2.31	2.19
523-132290	132290	J	Straight Solder Plug	.290 Semi-Rigid	---	4.14	3.73	3.35	3.00	2.93
523-132123	132123	K	Right Angle Crimp Plug	LMR 100/RG316/U	47-10150	4.74	4.27	3.84	3.53	3.35
523-132122	132122	K	Right Angle Crimp Plug	LMR 195/RG58/U	47-10070	5.26	4.76	4.28	3.88	3.74
523-132235	132235	K	Right Angle Crimp Plug	LMR 200	47-10070	4.91	4.41	3.98	3.65	3.48
523-101839	101839	K	Right Angle Crimp Plug	LMR 240/8X	47-10070	0.22	0.59	0.04	4.04	4.41
523-132299	132299	K	Right Angle Crimp Plug	LMR 400/B9913	47-10210	5.51	4.95	4.48	4.09	3.89
523-132112	132112	L	Right Angle Solder Plug	.141 Semi-Rigid	---	4.14	3.72	3.35	3.00	2.93
523-132111	132111	L	Right Angle Solder Plug	.085 Semi-Rigid	---	4.14	3.72	3.35	3.00	2.93
523-132344	132344	L	Right Angle Solder Plug	.290 Semi-Rigid	---	4.58	4.10	3.69	3.36	3.23
523-132117	132117	M	Straight Crimp Jack	LMR 100/RG316/U	47-10150	3.90	3.51	3.18	2.81	2.78
523-132116	132116	M	Straight Crimp Jack	LMR 195/RG58/U	47-10070	3.90	3.51	3.18	2.81	2.78
523-132236	132236	M	Straight Crimp Jack	LMR 200	47-10070	3.90	3.51	3.18	2.81	2.78
523-132260	132260	M	Straight Crimp Jack	LMR 240	47-10070	3.90	3.51	3.18	2.81	2.78
523-132332	132332	M	Straight Crimp Jack	LMR 400/B9913	47-10210	6.48	5.83	5.24	4.83	4.58
523-132104	132104	N	Straight Solder Jack	.141 Semi-Rigid	---	2.28	2.05	1.84	1.69	1.60
523-132103	132103	N	Straight Solder Jack	.085 Semi-Rigid	---	2.34	2.11	1.89	1.74	1.65
523-132345	132345	N	Straight Solder Jack	.290 Semi-Rigid	---	3.32	2.98	2.67	2.48	2.35
523-132119	132119	O	Bulkhead Crimp Jack	LMR100/RG316/U	47-10150	4.31	3.87	3.48	3.20	3.04
523-132118	132118	O	Bulkhead Crimp Jack	LMR195/RG58/U	47-10070	4.06	3.65	3.29	3.03	2.87
523-132237	132237	O	Bulkhead Crimp Jack	LMR200	47-10070	4.80	4.32	3.88	3.57	3.39
523-132241	132241	O	Bulkhead Crimp Jack	LMR240/8X	47-10070	4.24	3.82	3.43	3.16	2.99
523-132333	132333	O	Bulkhead Crimp Jack	LMR 400	47-10210	6.84	6.15	5.54	5.09	4.84
523-132108	132108	P	Bulkhead Solder Jack, feedthru	.141 Semi-Rigid	---	4.72	4.24	3.82	3.51	3.34
523-132105	132105	P	Bulkhead Solder Jack, feedthru	.085 Semi-Rigid	---	4.22	3.79	3.42	3.14	2.98
523-132346	132346	P	Bulkhead Solder Jack, feedthru	.290 Semi-Rigid	---	3.92	3.53	3.17	2.82	2.77

## REVERSE POLARITY SMA CONNECTORS

Reverse Polarity connectors employ female contacts in the plug connector and male contacts in the jack connector. SMA-RP will not mate with standard SMA Connectors.

- Impedance: 50 ohm
  - Body Material: Brass
  - Frequency Range: 0-6 GHz
  - Finish: Gold
- For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	Cable	Crimp Tool	Price Each				
						1	10	25	100	250
523-132114RP	132114RP	Q	Straight Crimp Plug	LMR100/RG316,174	47-10070	4.74	4.60	4.27	3.78	3.32
523-132113RP	132113RP	Q	Straight Crimp Plug	LMR195/ RG58	47-10150	3.78	3.59	3.40	3.02	2.85
523-132105RP	132105RP	Q	Straight Crimp Plug	RG223, 142	47-10070	3.44	3.27	3.10	2.76	2.41
523-132231RP	132231RP	Q	Straight Crimp Plug	LMR 240 / RG8X	47-10070	5.98	5.68	5.36	4.78	4.19
523-132122RP	132122RP	R	Right Angle Crimp Plug	LMR 195 / RG58	47-10070	5.14	4.88	4.68	4.11	3.80
523-132123RP	132123RP	R	Right Angle Crimp Plug	LMR100/RG316, 174	47-10150	5.14	4.88	4.63	4.11	3.80
523-132116RP	132116RP	S	Straight Crimp Jack	LMR 195 / RG58	47-10070	3.30	3.14	2.97	2.64	2.31
523-132117RP	132117RP	S	Straight Crimp Jack	LMR100/ RG316,174	47-10150	3.30	3.14	2.97	2.64	2.31
523-132118RP	132118RP	T	Bulkhead Crimp Jack	LMR 195 / RG58	47-10070	4.14	3.93	3.73	3.31	2.90
523-132119RP	132119RP	T	Bulkhead Crimp Jack	LMR100/ RG316,174	47-10150	3.92	3.72	3.53	3.14	2.74
523-132200RP	132200RP	T	Bulkhead Crimp Jack	RG178, 196	47-10150	6.84	6.60	6.36	5.87	5.39
523-132138RP	132138RP	U	Right Angle Jack for PC Board	---	---	5.58	5.30	5.02	4.46	3.91
523-132203RP	132203RP	V	Right Angle Bulkhead PCB Jack	---	---	7.08	6.71	6.35	5.85	5.44
523-132255RP	132255RP	W	Edge Mount PCB Jack, .062 Bts	---	---	4.70	4.47	4.23	3.78	3.29

## CRIMP TOOLS WITH DIE SETS

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Cable Groups	Die Cavities	Price Each	
					1	5
523-47-10150	47-10150	X	RG 174/ 188/ 316/ 179/ 187/ 180/ 195/ 178/ 196	.178 / .128 / .068	48.00	45.00
523-47-10070	47-10070	X	RG 25/ 28/ 59/ 62/ 141/ 142/ 223/ 303/ 400	.255 / .213 / .068	48.00	45.00
523-47-10160	47-10160	X	.151 HEX 316/ 179/ Double Braid	.151 / .178 / .213	48.00	45.00
523-47-10210	47-10210	X	LMR 400/B9913/B9914/B7610	.429 / .118	48.00	45.00

