

SMB 50 ohm Coaxial Connectors

Amphenol®

Fig. 1	Fig. 1A	Fig. 2																														
Fig. 1A	Fig. 1A	50Ω SMB Angle Plugs - Braid Crimp/Solder Female Contact <table><tr><td rowspan="5">RG-174 179, 187, 188, 316</td><td>903-289P-51A</td><td>Gold Plated</td></tr><tr><td>903-289P-51A2▲*</td><td>Gold Plated</td></tr><tr><td>903-367P-51A</td><td>Nickel Plated</td></tr><tr><td>903-367P-51A1</td><td>Nickel Plt. Body, Gold Plt Outer Cont.</td></tr><tr><td>903-367P-51A2▲*</td><td>Nickel Plated</td></tr><tr><td rowspan="4">RG-178, 196</td><td>903-291P-51A</td><td>Gold Plated</td></tr><tr><td>903-291P-51A1▲*</td><td>Gold Plated</td></tr><tr><td>903-368P-51A</td><td>Nickel Plated</td></tr><tr><td>903-368P-51A1▲*</td><td>Nickel Plated</td></tr><tr><td rowspan="2">Dbl. Br. RG-316</td><td>903-369P-51A</td><td>Nickel Plated</td></tr><tr><td>903-369P-51A2*</td><td>Nickel Plated</td></tr></table>		RG-174 179, 187, 188, 316	903-289P-51A	Gold Plated	903-289P-51A2▲*	Gold Plated	903-367P-51A	Nickel Plated	903-367P-51A1	Nickel Plt. Body, Gold Plt Outer Cont.	903-367P-51A2▲*	Nickel Plated	RG-178, 196	903-291P-51A	Gold Plated	903-291P-51A1▲*	Gold Plated	903-368P-51A	Nickel Plated	903-368P-51A1▲*	Nickel Plated	Dbl. Br. RG-316	903-369P-51A	Nickel Plated	903-369P-51A2*	Nickel Plated				
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50Ω SMB Plugs - Braid Crimp/Solder Female Contact <table><tr><td rowspan="5">RG-174,179, 187,188, 316</td><td>903-285P-51S</td><td>Gold Plated</td></tr><tr><td>903-508P-51S●</td><td>Gold Plated</td></tr><tr><td>903-370P-51S▲</td><td>Nickel Plated</td></tr><tr><td>903-577P-51S1*</td><td>Nickel Plated</td></tr><tr><td>903-577P-51S*</td><td>Gold Plated</td></tr><tr><td rowspan="5">RG-178,196</td><td>903-287P-51S</td><td>Gold Plated</td></tr><tr><td>903-509P-51S●</td><td>Gold Plated</td></tr><tr><td>903-371P-51S▲</td><td>Nickel Plated</td></tr><tr><td>903-578P-51S*</td><td>Gold Plated</td></tr><tr><td>903-578P-51S1*</td><td>Nickel Plated</td></tr><tr><td rowspan="3">Dbl. Br. RG-316</td><td>903-401P-51S</td><td>Gold Plated</td></tr><tr><td>903-579P-51S*</td><td>Gold Plated</td></tr><tr><td>903-579P-51S1*</td><td>Nickel Plated</td></tr></table>		RG-174,179, 187,188, 316	903-285P-51S	Gold Plated	903-508P-51S●	Gold Plated	903-370P-51S▲	Nickel Plated	903-577P-51S1*	Nickel Plated	903-577P-51S*	Gold Plated	RG-178,196	903-287P-51S	Gold Plated	903-509P-51S●	Gold Plated	903-371P-51S▲	Nickel Plated	903-578P-51S*	Gold Plated	903-578P-51S1*	Nickel Plated	Dbl. Br. RG-316	903-401P-51S	Gold Plated	903-579P-51S*	Gold Plated	903-579P-51S1*	Nickel Plated	Fig. 3	
RG-174,179, 187,188, 316	903-285P-51S		Gold Plated																													
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		50Ω SMB Low Profile Angle Plugs, Braid Crimp/Solder Female Contact <table><tr><td>RG-174,179, 187,188, 316</td><td>903-429P-51A</td><td>Gold Plated</td></tr></table>	RG-174,179, 187,188, 316	903-429P-51A	Gold Plated																											
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50 ohm SMB PLUGS & ANGLE PLUGS

Cable RG-/U	Connector Description	Cable Attachment		c Dia. In. (mm)	CAI	Plt.	Ins.	Notes	Amphenol Number	Fig.
		Outer	Inner							
RG-174,179,187, 188,316	Plug	Crimp	Solder	.128(3.3)‡	C60	P11	D1	Gold Plated Body	903-285P-51S	1
				.128(3.3)‡	C62	P11	D1	Gold Plated Body	● 903-508P-51S	1A
				.128(3.3)‡	C60	P15	D1	Nickel Plated Body	▲ 903-370P-51S	1
				.128(3.3)‡	C60	P15	D1	Nickel Plated Body	* 903-577P-51S1	1A
				.128(3.3)‡	C60	P15	D1	Gold Plated Body	* 903-577P-51S	1A
	Angle Plug	Crimp	Solder	.128(3.3)‡	C61	P11	D1	Gold Plated Body	● 903-289P-51A	2
				.128(3.3)‡	C61	P11	D1	Gold Plated Body	●▲* 903-289P-51A2	2
				.128(3.3)‡	C61	P15	D1	Nickel Plated Body	● 903-367P-51A	2
				.128(3.3)‡	C61	P15	D1	Nickel Plated Body	●▲* 903-367P-51A2	2
				.128(3.3)‡	C61	P15	D1	Nickel Plated Body ★	903-367P-51A1	2
RG-178,196	Plug	Crimp	Solder	.128(3.3)‡	C61	P26	D1	Nickel Plated Body ★	903-429P-51A	3
				.100(2.5)‡	C60	P11	D1	Gold Plated Body	903-287P-51S	1
				.100(2.5)‡	C62	P11	D1	Gold Plated Body	● 903-509P-51S	1A
				.100(2.5)‡	C60	P15	D1	Nickel Plated Body	903-371P-51S	1
				.100(2.5)‡	C60	P15	D1	Gold Plated Body	* 903-578P-51S	1A
	Angle Plug	Crimp	Solder	.100(2.5)‡	C60	P15	D1	Nickel Plated Body	* 903-578P-51S1	1A
				.100(2.5)‡	C61	P11	D1	Gold Plated Body	903-291P-51A	2
				.100(2.5)‡	C61	P11	D1	Gold Plated Body	●▲* 903-291P-51A1	2
				.100(2.5)‡	C61	P15	D1	Nickel Plated Body	903-368P-51A	2
				.100(2.5)‡	C61	P15	D1	Nickel Plated Body	●▲* 903-368P-51A1	2
Dbl. Braid 316	Angle Plug	Crimp	Solder	.142(3.6)‡	C61	P22	D1	Nickel Plated Body	903-369P-51A	2
				.142(3.6)‡	C61	P15	D1	Nickel Plated Body	● * 903-369P-51A2	2
	Plug	Crimp	Solder	.142(3.6)‡	C60	P11	D1	Gold Plated Body	903-401P-51S	1
				.142(3.6)‡	C60	P11	D1	Gold Plated Body	* 903-579P-51S	1A
				.142(3.6)‡	C60	P15	D1	Nickel Plated Body	* 903-579P-51S1	1A
				.142(3.6)‡	C60	P15	D1	Nickel Plated Body	* 903-579P-51S1	1A

‡ i.d. of outer crimp ferrule ★ Gold plated outer contact ▲ Distributor stocked * Diecast outer body ● Commercial grade