

# SMB 50 ohm Coaxial Connectors

Fig. 1

Fig. 2

Fig. 1A

Fig. 1A

50Ω SMB Plugs - Braid Crimp/Solder Female Contact		50Ω SMB Angle Plugs - Braid Crimp/Solder Female Contact	
RG-174, 179, 187, 188, 316	<b>903-285P-51S</b>	Gold Plated	<b>903-289P-51A</b> Gold Plated
	<b>903-508P-51S●</b>	Gold Plated	<b>903-289P-51A2▲*</b> Gold Plated
	<b>903-370P-51S▲</b>	Nickel Plated	<b>903-367P-51A</b> Nickel Plated
	<b>903-577P-51S1*</b>	Nickel Plated	<b>903-367P-51A1</b> Nickel Plt. Body, Gold Plt Outer Cont.
RG-178, 196	<b>903-577P-51S*</b>	Gold Plated	<b>903-367P-51A2▲*</b> Nickel Plated
	<b>903-287P-51S</b>	Gold Plated	<b>903-291P-51A</b> Gold Plated
	<b>903-509P-51S●</b>	Gold Plated	<b>903-291P-51A1▲*</b> Gold Plated
	<b>903-371P-51S▲</b>	Nickel Plated	<b>903-368P-51A</b> Nickel Plated
Dbl. Br. RG-316	<b>903-578P-51S*</b>	Gold Plated	<b>903-368P-51A1▲*</b> Nickel Plated
	<b>903-578P-51S1*</b>	Nickel Plated	<b>903-369P-51A</b> Nickel Plated
	<b>903-401P-51S</b>	Gold Plated	<b>903-369P-51A2*</b> Nickel Plated
	<b>903-579P-51S*</b>	Gold Plated	
	<b>903-579P-51S1*</b>	Nickel Plated	

Fig. 3

50Ω SMB Plugs - Braid Crimp/Solder Female Contact		50Ω SMB Low Profile Angle Plugs, Braid Crimp/Solder Female Contact	
Dbl. Br. RG-316	<b>903-429P-51A</b>	Gold Plated	

## 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	<a href="#">903-285P-51S</a>	1
				.128(3.3)‡	C62	P11	D1	Gold Plated Body	● <a href="#">903-508P-51S</a>	1A
				.128(3.3)‡	C60	P15	D1	Nickel Plated Body	▲ <a href="#">903-370P-51S</a>	1
				.128(3.3)‡	C60	P15	D1	Nickel Plated Body	* <a href="#">903-577P-51S1</a>	1A
				.128(3.3)‡	C60	P15	D1	Gold Plated Body	* <a href="#">903-577P-51S</a>	1A
	Angle Plug	Crimp	Solder	.128(3.3)‡	C61	P11	D1	Gold Plated Body	● <a href="#">903-289P-51A</a>	2
				.128(3.3)‡	C61	P11	D1	Gold Plated Body	●▲* <a href="#">903-289P-51A2</a>	2
				.128(3.3)‡	C61	P15	D1	Nickel Plated Body	<a href="#">903-367P-51A</a>	2
				.128(3.3)‡	C61	P15	D1	Nickel Plated Body	●▲* <a href="#">903-367P-51A2</a>	2
				.128(3.3)‡	C61	P15	D1	Nickel Plated Body ★	<a href="#">903-367P-51A1</a>	2
Low Profile Angle Plug	Crimp	Solder	.128(3.3)‡	C61	P26	D1	Nickel Plated Body ★	<a href="#">903-429P-51A</a>	3	
RG-178,196	Plug	Crimp	Solder	.100(2.5)‡	C60	P11	D1	Gold Plated Body	<a href="#">903-287P-51S</a>	1
				.100(2.5)‡	C62	P11	D1	Gold Plated Body	● <a href="#">903-509P-51S</a>	1A
			Crimp	.100(2.5)‡	C60	P15	D1	Nickel Plated Body	<a href="#">903-371P-51S</a>	1
				.100(2.5)‡	C60	P15	D1	Gold Plated Body	* <a href="#">903-578P-51S</a>	1A
Angle Plug	Crimp	Solder	.100(2.5)‡	C60	P15	D1	Nickel Plated Body	* <a href="#">903-578P-51S1</a>	1A	
			.100(2.5)‡	C61	P11	D1	Gold Plated Body	<a href="#">903-291P-51A</a>	2	
			.100(2.5)‡	C61	P11	D1	Gold Plated Body	●▲* <a href="#">903-291P-51A1</a>	2	
			.100(2.5)‡	C61	P15	D1	Nickel Plated Body	<a href="#">903-368P-51A</a>	2	
Dbl. Braid 316	Angle Plug	Crimp	Solder	.100(2.5)‡	C61	P15	D1	Nickel Plated Body	●▲* <a href="#">903-368P-51A1</a>	2
				.142(3.6)‡	C61	P22	D1	Nickel Plated Body	<a href="#">903-369P-51A</a>	2
	Plug	Crimp	Solder	.142(3.6)‡	C61	P15	D1	Nickel Plated Body	● * <a href="#">903-369P-51A2</a>	2
				.142(3.6)‡	C60	P11	D1	Gold Plated Body	<a href="#">903-401P-51S</a>	1
				.142(3.6)‡	C60	P11	D1	Gold Plated Body	* <a href="#">903-579P-51S</a>	1A
				.142(3.6)‡	C60	P15	D1	Nickel Plated Body	* <a href="#">903-579P-51S1</a>	1A

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