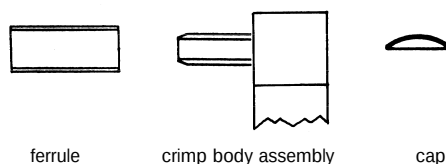


Assembly Instructions-C61 SMB

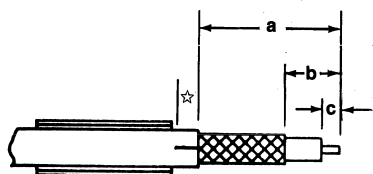
Amphenol®

CRIMP TYPE ANGLE PLUGS & ANGLE BULKHEAD JACKS



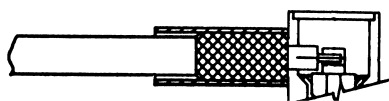
Amphenol Number	Connector Type	Cable RG-/U	Hex Cavity for Outer Ferrule	Die Set for Tool Handle 227-944	Stripping Dimensions, Inches (mm)		
					a	b	c
903-517P-71A	75Ω SMC Angle Plug	Belden 735A	.178(4.5)	227-1221-09 Cav. A	.440(11.2)	.180(4.57)	.090(2.28)
903-289P-51A	50Ω SMB Angle Plug	174, 179, 187, 188, 316	.128(3.3)	227-1221-03 Cav. A	.390(9.9)	.150(3.8)	.050(1.3)
903-289P-51A2	50Ω SMB Angle Plug	174, 179, 187, 188, 316	.128(3.3)	227-1221-03 Cav. A	.390(9.9)	.150(3.8)	.050(1.3)
903-291P-51A	50Ω SMB Angle Plug	178, 196	.105(2.7)	227-1221-03 Cav. B	.390(9.9)	.150(3.8)	.050(1.3)
903-291P-51A1	50Ω SMB Angle Plug	178, 196	.105(2.7)	227-1221-03 Cav. B	.390(9.9)	.150(3.8)	.050(1.3)
903-367P-51A	50Ω SMB Angle Plug	174, 179, 187, 188, 316	.128(3.3)	227-1221-03 Cav. A	.390(9.9)	.150(3.8)	.050(1.3)
903-367P-51A1	50Ω SMB Angle Plug	174, 179, 187, 188, 316	.128(3.3)	227-1221-03 Cav. A	.390(9.9)	.150(3.8)	.050(1.3)
903-367P-51A2	50Ω SMB Angle Plug	174, 179, 187, 188, 316	.128(3.3)	227-1221-03 Cav. A	.390(9.9)	.150(3.8)	.050(1.3)
903-368P-51A	50Ω SMB Angle Plug	178, 196	.105(2.7)	227-1221-03 Cav. B	.390(9.9)	.150(3.8)	.050(1.3)
903-368P-51A1	50Ω SMB Angle Plug	178, 196	.105(2.7)	227-1221-03 Cav. B	.390(9.9)	.150(3.8)	.050(1.3)
903-369P-51A	50Ω SMB Angle Plug	Dbl. Braid RG-316	.151(3.8)	227-1221-37 Cav. B	.390(9.9)	.150(3.8)	.050(1.3)
903-369P-51A2	50Ω SMB Angle Plug	Dbl. Braid RG-316	.151(3.8)	227-1221-37 Cav. B	.390(9.9)	.150(3.8)	.050(1.3)
903-422J-51A	50Ω SMB Ang. Blkh Jack	174, 179, 187, 188, 316	.128(3.3)	227-1221-03 Cav. A	.390(9.9)	.150(3.8)	.050(1.3)
903-429P-51A	50Ω SMB Low Prof. Angl Plg	174, 179, 187, 188, 316	.128(3.3)	227-1221-03 Cav. A	.400(10.2)	.200(5.1)	.050(1.3)
903-495P-71A	75Ω SMB Angle Plug	Belden 9248	.324(8.2)	227-1221-32 Cav. A	.500(12.7)	.250(6.4)	.250(6.4)
903-535P-71A	75Ω SMB Angle Plug	179	.178(4.5)	227-1221-09 Cav. A	.440(11.2)	.180(4.57)	.090(2.28)
903-288P-52A	75Ω SMB Angle Plug	174, 188, 316	.128(3.3)	227-1221-03 Cav. A	.390(9.9)	.150(3.2)	.050(1.3)
903-362P-52A1	75Ω SMB Angle Plug	RD-316	.151(3.8)	227-1221-37 Cav. B	.390(9.9)	.150(3.2)	.050(1.3)

Step 1



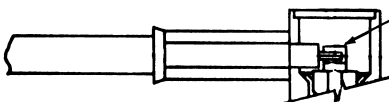
Step 1 Slide ferrule over cable. Trim cable to dimensions shown in table above. Tin center conductor.
 ☆ for P/N 903-429P-51A only, make 2 slits in jacket .062"(1.6mm) long, 180° apart.

Step 2



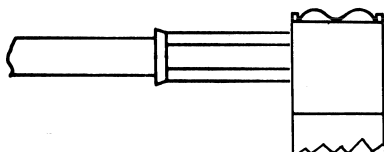
Step 2 Insert cable into back end of crimp body assembly as shown. Center conductor will enter slot in contact. Slide ferrule over braid and crimp using hex die shown in table above.

Step 3



Step 3 Solder center conductor into contact.

Step 4



Step 4 Insert cap into body and dimple or lightly punch center of cap for retention in body.