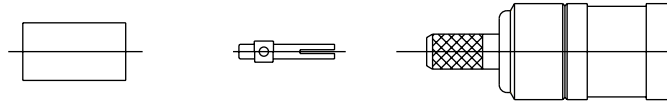
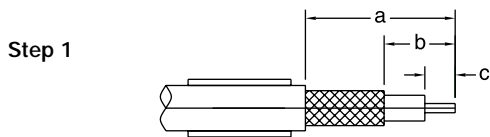


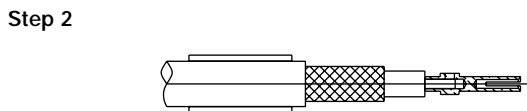
STRAIGHT CONNECTORS FOR FLEXIBLE CABLE



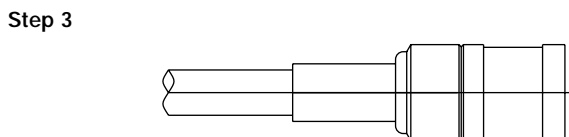
Amphenol Number	Connector Type	Cable RG-/U	Hex Cavity for Outer Ferrule	Die Set for Tool Handle 227-944	Stripping Dimensions, Inches (MM)		
					a	b	c
919-101P-51SX	50Ω MCX Plug	174, 188, 316	1.28 (3.25)	CTL-13	.385	.181	.098
919-101P-51S1X	50Ω MCX Plug	174, 188, 316	1.28 (3.25)	CTL-13	.385	.181	.098
919-107J-51SX	50Ω MCX Jack	174, 188, 316	1.28 (3.25)	CTL-13	.385	.181	.098
919-107J-51S1X	50Ω MCX Jack	174, 188, 316	1.28 (3.25)	CTL-13	.385	.181	.098
919-121P-51SX	50Ω MCX Plug	178, 196	1.05 (2.67)	CTL-13	.385	.181	.098
919-131J-51SX	50Ω MCX Jack	178, 196	1.05 (2.67)	CTL-13	.385	.181	.098
919-130P-51SX	50Ω MCX Plug	RD-316	.151 (3.84)	CTL-13	.385	.181	.098
919-128J-51SX	50Ω MCX Jack	174, 188, 316	.128 (3.25)	CTL-13	.385	.181	.098
919-129J-51SX	50Ω MCX Jack	RD-316	.151 (3.84)	CTL-13	.385	.181	.098
919-137P-51SX	50Ω MCX Plug	179	.128 (3.25)	CTL-13	.385	.181	.098
919-137P-51S2X	50Ω MCX Plug	RD-179	.151 (3.84)	CTL-13	.385	.181	.098



Step 1 Slide ferrule over cable. Trim cable to dimensions shown in table above.



Step 2 Tin center conductor
Assemble contact over center conductor so that shoulder of contact butts against cable dielectric. Heat contact to solder.

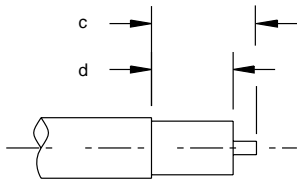


Step 3 Insert cable and contact into back end of crimp body. Contact shoulder will bottom in insulator. Slide ferrule over braid and crimp using hex die shown in table above.

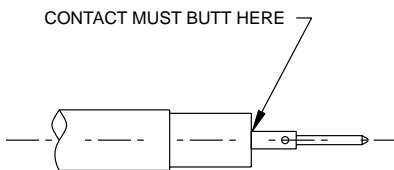
STRAIGHT CONNECTORS FOR SEMI-RIGID CABLE



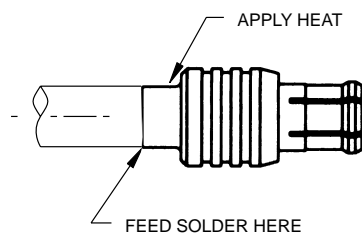
Amphenol Number	Connector Type	Cable RG-/U	Stripping Dimensions, inches (mm)	
			c	d
919-114J-51SX	Straight Jack	.086 Semi-Rigid	.118	.039
919-120P-51SX	Straight Plug	.086 Semi-Rigid	.100	-



Step 1 Prepare cable according to diagram. Remove burrs from outer/inner conductors of cable.

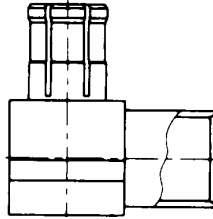


Step 2 Solder center contact "a" to inner conductor of cable using Sn60 solder. Contact must butt on dielectric of cable as shown.



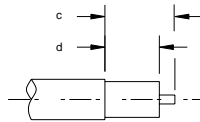
Step 3 Insert contact into body assembly "b" as shown. Holding body and cable firmly, apply heat as shown and feed solder (Sn-60) as indicated. Allow to cool. The dimension from the contact tip to the end of the body should be $.006 \pm .007$.

RIGHT ANGLE PLUGS FOR SEMI-RIGID CABLE



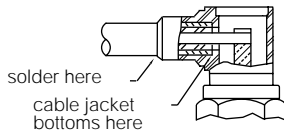
Amphenol Number	Connector Type	Cable RG/U	Dim c	Dim d
919-102P-51AX	MCX Angle Plug	.086 Semi Rigid	.157	.051
919-103P-51AX	MCX Angle Plug	.141 Semi Rigid	.157	.051

Step 1



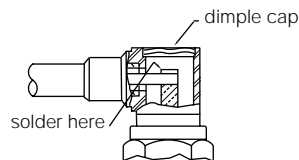
Step 1 Clean cable end for .625"(16mm) min. length. Trim cable jacket and dielectric to dimension shown. Do not nick center conductor. Remove burrs from cable jacket and center conductor.

Step 2



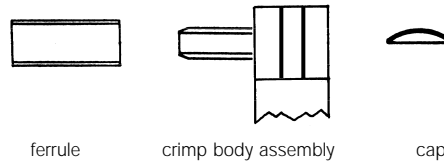
Step 2 Assemble cable into connector body. Bottom cable in connector body as shown. Solder cable to connector body as shown.

Step 3

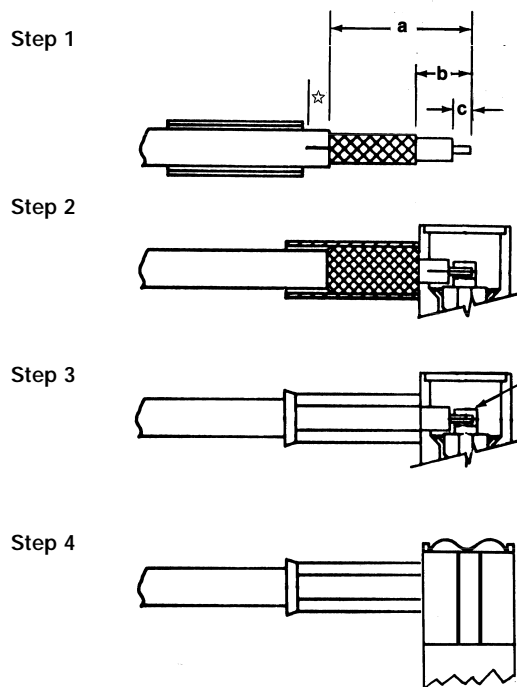


Step 3 Solder center conductor to contact as shown. Remove excess solder. Assemble cap and solder or lightly punch center of cap for retention in body.

RIGHT ANGLE PLUGS & CRIMP TYPE



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
919-104P-51AX	50μ MCX Angle Plug	174, 188, 316	.128 (3.25)	CTL -13	.337	.133	.106
919-104P-51A1X	50μ MCX Angle Plug	174, 188, 316	.128 (3.25)	CTL -13	.337	.133	.106
919-122P-51AX	50μ MCX Angle Plug	174, 188, 316	.105 (2.67)	CTL -13	.337	.133	.106
919-136P-51AX	75μ MCX Angle Plug	174, 188, 316	.128 (3.25)	CTL -13	.337	.133	.106
919-136P-51A2X	75μ MCX Angle Plug	174, 188, 316	.151 (3.84)	CTL -13	.337	.133	.106



Step 1 Slide ferrule over cable. Trim cable to dimensions shown in table above. Tin center conductor. Make 2 slits in jacket .062"(1.6mm) long, 180° apart.

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 Solder center conductor into contact.

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