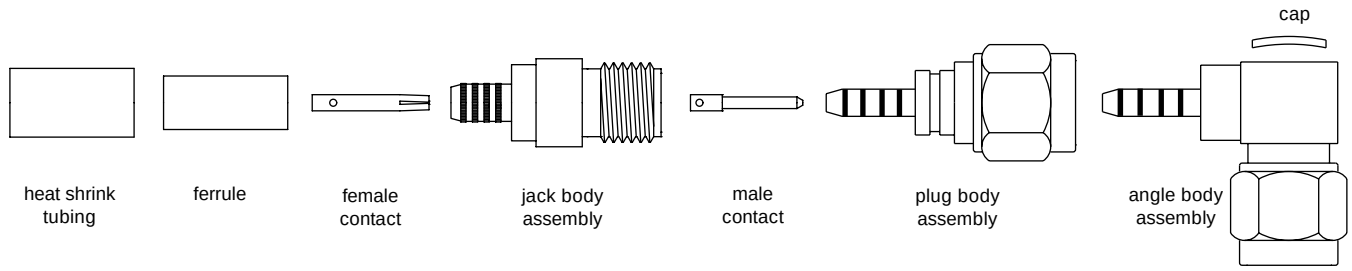
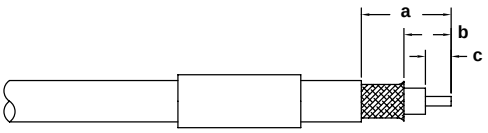
CRIMP/SOLDER CENTER CONTACT TYPE FOR FLEXIBLE CABLE



Amphenol Number	Connector Type	Cable RG-/U	Stripping Dimensions, inches (mm)			Hex Crimp Data		
			a	b	c	Cavity for Outer Ferrule	Die Set for Tool 227-944	CTL Series Tool
901-9511-1	SMA Plug	55, 142, 223, 400	.300(7.6)	.130(3.3)	.090(2.3)	.213(5.4)	227-1221-11	CTL-1
901-9511-1SF	SMA Plug	55, 142, 223, 400	.300(7.6)	.130(3.3)	.090(2.3)	.213(5.4)	227-1221-11	CTL-1
901-9511-2	SMA Plug	58, 141 B/YR20621	.300(7.6)	.090	.090(2.3)	.213(5.4)	227-1221-11	CTL-1
901-9511-2SF	SMA Plug	58, 141 B/YR20621	.300(7.6)	.090	.090(2.3)	.213(5.4)	227-1221-11	CTL-1
901-9531-1	SMA Angle Plug	55, 142, 223, 400	.475(12.1)	.235(6.0)	.120(3.0)	.213(5.4)	227-1221-11	CTL-1
901-9531-1SF	SMA Angle Plug	SF 142B	.475(12.1)	.235(6.0)	.120(3.0)	.213(5.4)	227-1221-11	CTL-1
901-9531-2	SMA Angle Plug	58, 141, B/YR20621	.475(12.1)	.235(6.0)	.120(3.0)	.213(5.4)	227-1221-11	CTL-1
901-9531-2SF	SMA Angle Plug	58, 141, B/YR20621	.475(12.1)	.235(6.0)	.120(3.0)	.213(5.4)	227-1221-11	CTL-1
901-9870	SMA Plug	58	.532(13.5)	.205(5.2)	.138(3.5)	.213(5.4)	227-1221-11	CTL-1
901-9871	SMA Plug	223	.532(13.5)	.205(5.2)	.138(3.5)	.213(5.4)	227-1221-11	CTL-1
901-9873	SMA Angle Plug	58	.543(13.8)	.216(5.5)	.102(2.6)	.230(5.9)	227-1221-45	CTL-1
901-9874	SMA Angle Plug	58	.543(13.8)	.216(5.5)	.102(2.6)	.213(5.4)	227-1221-11	CTL-1
901-9875	SMA Bulkhead Jack	174, 179, 187, 188, 316	.394(10.0)	.189(4.8)	.098(2.5)	.128(3.3)	227-1221-03	CTL-13;9
901-9876-RFX	SMA Plug	58	.532(13.5)	.205(5.2)	.138(3.5)	.213(5.4)	227-1221-11	CTL-1
901-9879-RFX	SMA Bulkhead Jack	174, 179, 187, 188, 316	.394(10.0)	.189(4.8)	.098(2.5)	.128(3.3)	227-1221-03	CTL-13;9
901-9880-RFX	SMA Angle Plug	58	.543(13.8)	.216(5.5)	.102(2.6)	.213(5.4)	227-1221-11	CTL-1
901-9902	SMA Angle Plug	223	.475(12.1)	.235(6.0)	.120(3.0)	.213(5.4)	227-1221-11	CTL-1
901-10009-RFX	SMA Plug	LMR 240	.406(10.3)	—	.079(2.0)	.255 (6.5)	227-1221-59	CTL-1
901-10010-RFX	SMA Plug	LMR 240	.472(12)	.146(3.7)	.079(2.0)	.213 (5.4)	227-1221-11	CTL-1
901-10011	SMA Plug	LMR 240	.618(15.7)	.218(5.54)	.093(2.4)	.255(6.5)	227-1221-59	CTL-1
901-10012	SMA Plug	LMR 200	.293(7.4)	—	.093(2.4)	.213(5.4)	227-1221-11	CTL-1
901-10021-1SF	Jack	55, 142, 223, 400	.415(10.5)	.155(3.9)	.115(2.9)	.213(5.4)	227-1221-11	CTL-1
901-10021-3SF	Jack	174, 188, 316	.415(10.5)	.155(3.9)	.115(2.9)	.128(3.3)	227-1221-03	CTL-13.9
901-10021-12SF	Jack	RD 316	.415(10.5)	.155(3.9)	.115(2.9)	.151(3.8)	227-1221-37	CTL-13.9
901-10024-RFX	Plug	RD 316	.430(10.9)	.170(4.2)	.100(2.5)	.151(3.8)	227-1221-37	CTL-13.9
901-10025-RFX	Plug	RD 316	.430(10.9)	.170(4.2)	.100(2.5)	.151(3.8)	227-1221-37	CTL-13.9
901-10028-RFX	SMA Angle Plug	RD 316	.417(10.6)	.212(5.4)	.106(2.7)	.151(3.8)	227-1221-37	CTL-13.9
901-10029-RFX	SMA Angle Plug	RD 316	.417(10.6)	.212(5.4)	.106(2.7)	.151(3.8)	227-1221-37	CTL-13.9
901-10013-RFX	SMA Angle Plug	174, 188, 316	.382(9.7)	.177(4.5)	.098(2.5)	.128(3.3)	227-1221-03	CTL-13.9
901-9531-3,-3SF	SMA Angle Plug	174, 179, 187, 188, 316	.475(12.1)	.235(6.0)	.090(2.3)	.128(3.3)	227-1221-03 Cavity A	CTL-9
901-9872	SMA Angle Plug	174, 179, 187, 188, 316	.472(12.0)	.216(5.5)	.102(2.6)	.128(3.3)	227-1221-03 Cavity A	CTL-9
901-9877-RFX	SMA Plug	174, 179, 187, 188, 316	.421(10.7)	.165(4.2)	.098(2.5)	.128(3.3)	227-1221-03 Cavity A	CTL-9
901-9916	SMA Plug	174, 179, 187, 188, 316	.421(10.7)	.165(4.2)	.098(2.5)	.128(3.3)	227-1221-03 Cavity A	CTL-9
901-9531-12,-12SF	SMA Angle Plug	Double Braid 316	.475(12.1)	.235(6.0)	.090(2.3)	.151(3.8)	227-1221-37 Cavity B	—
901-9881-RFX	SMA Angle Plug	174, 179, 187, 188, 316	.472(12.0)	.216(5.5)	.102(2.6)	.128(3.3)	227-1221-03 Cavity A	CTL-9
901-10014	SMA Angle Plug	LMR 240	.615(15.6)	.215(5.5)	.075(1.9)	.255(6.5)	227-1221-59 Cavity A	CTL-1

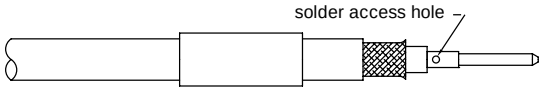
SMA (continued)

Step 1



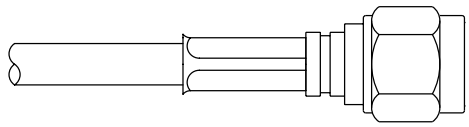
Step 1 Slide outer ferrule onto cable as shown. Strip cable jacket, braid and dielectric to dimensions shown in table. All cuts should be sharp and square. Do not nick braid, dielectric or center conductor when cutting.

Step 2



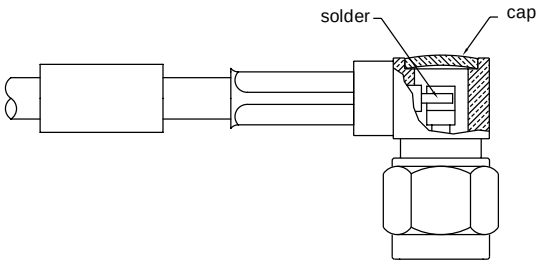
Step 2 Flare end of cable braid slightly as shown to facilitate in sertion onto inner ferrule. Do not comb out braid. Solder center contact to cable (SN60-40 rosin core solder recommended.) Note: Center conductor should be visible through soft solder access hole in contact, prior to soldering.

Step 3



Step 3 Install body onto cable so that female portion slides under braid and insulator butts flush against cable dielectric. Slide outer ferrule over braid and up against body. Make sure no slack exists in braid. Crimp over ferrule with tool specified in table, keeping cable dielectric bottomed against insulator.

Step 2 & 3 for angle plugs



Step 2 & 3 Angle Plugs: Place cable dielectric into body and press ferrule against body as shown. Crimp with die set shown in table above. Solder cable center conductor into contact as shown. Insert cap and solder as shown or dimple and lightly punch center of cap for retention in body, for brass versions. Place heat shrink tubing over crimp ferrule, against body, and apply heat.