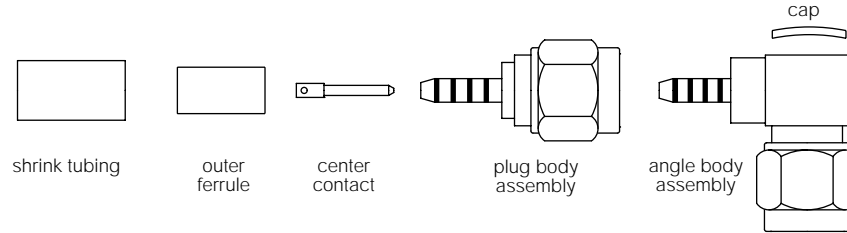
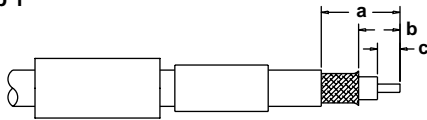


### BRAID CRIMP-SOLDER CENTER CONTACT TYPES FOR RG-174 & RG-179 CABLE GROUPS



Amphenol Number	Connector Type	Cable RG-/U	Stripping Dimensions, inches (mm)			Hex Cavity for Outer Ferrule	Die Set for Tool 227-944	CTL Series Tool
			a	b	c			
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	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	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

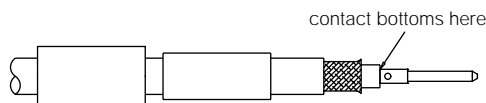
#### Step 1



#### Step 1

Slide heat shrink tubing and outer ferrule onto cable. Strip cable jacket, braid and dielectric to dimensions shown in table above. All cuts are to be sharp and square. Do not nick braid, dielectric or center conductor when cutting. Tin center conductor. Avoid excessive heat to prevent swelling of cable dielectric. Flare end of cable braid slightly as shown to facilitate insertion of inner ferrule. Do not comb out braid.

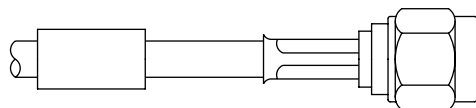
#### Step 2



#### Step 2

Solder center contact to cable center conductor as shown. Remove excess solder. **Note:** Contact must bottom against cable dielectric. (For angle plugs skip to Step 3B below.)

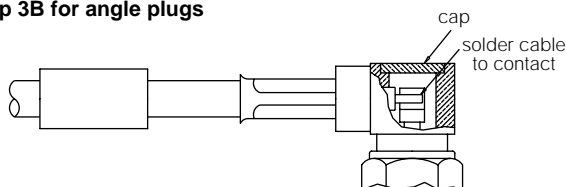
#### Step 3



#### Step 3

Install coupling nut and body assembly as shown. Place ferrule against body and crimp with die set shown in table above. Place heat shrink tubing over crimp ferrule, against body, and apply heat.

#### Step 3B for angle plugs



#### Step 3B

For 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.