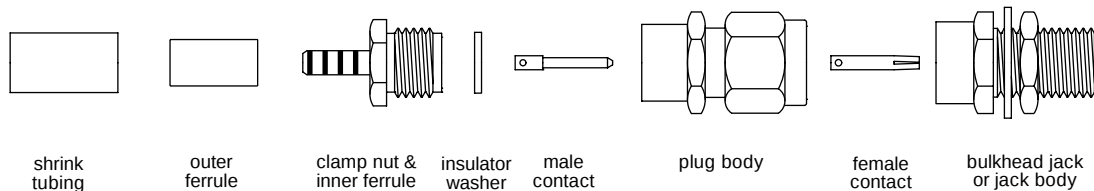


Assembly Instructions-C56 SMA

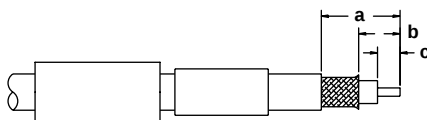
Amphenol®

BRAID CRIMP-SOLDER CENTER CONTACT TYPES FOR FLEXIBLE CABLE



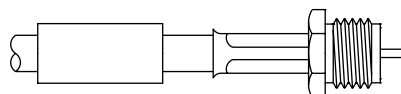
Amphenol Number	Connector Type	Cable RG-/U	Strip Dimensions, inches (mm)			Hex Cavity for Outer Ferrule	Die Set for Tool 227-944
			a	b	c		
901-9601-1SF	SMA Plug	55,58,141,142,223,400	.620(15.7)	.350(8.9)	.120(3.0)	.213(5.4)	227-1221-11 Cavity A
901-9601-3	SMA Plug	174,179,187,188,316	.620(15.7)	.350(8.9)	.120(3.0)	.128(3.3)	227-1221-03 Cavity A
901-9601-3SF	SMA Plug	174,179,187,188,316	.620(15.7)	.350(8.9)	.120(3.0)	.128(3.3)	227-1221-03 Cavity A
901-9602-1, -1SF	SMA Jack	55,58,141,142,223,400	.610(15.5)	.340(8.6)	.110(2.8)	.213(5.4)	227-1221-11 Cavity A
901-9602-3, -3SF	SMA Jack	174,179,187,188,316	.610(15.5)	.340(8.6)	.110(2.8)	.128(3.3)	227-1221-03 Cavity A
901-9602-12SF	SMA Jack	Double Braid 316	.610(15.5)	.340(8.6)	.110(2.8)	.128(3.3)	227-1221-03 Cavity A
901-9610-1SF	SMA Bulkhead Jack	55,58,141,142,223,400	.610(15.5)	.340(8.6)	.110(2.8)	.213(5.4)	227-1221-11 Cavity A
901-9610-3, -3SF	SMA Bulkhead Jack	174,179,187,188,316	.610(15.5)	.340(8.6)	.110(2.8)	.128(3.3)	227-1221-03 Cavity A
901-9610-12SF	SMA Bulkhead Jack	Double Braid 316	.610(15.5)	.340(8.6)	.110(2.8)	.151(3.8)	227-1221-37 Cavity B
901-10015	SMA Bulkhead Jack	LMR 240	4.93(12.5)	—	.043(2.4)	.255(6.5)	227-1221-59 Cavity A

Step 1



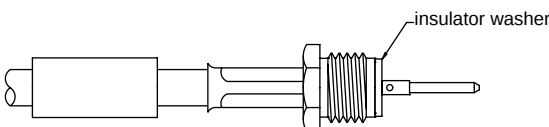
Step 1 Slide heat shrink tubing and outer ferrule onto cable. Strip cable jacket, braid and dielectric to dimensions shown in table above. All cuts are to be sharp and square. Do not nick braid, dielectric or center conductor when cutting. Tin center conductor. Avoid excessive heat to prevent swelling of cable dielectric. Flare end of cable braid slightly as shown to facilitate insertion of inner ferrule. Do not comb out braid.

Step 2



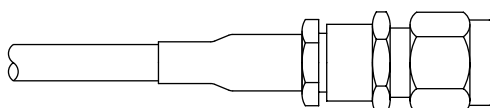
Step 2 Slide clamp nut over inner ferrule, and slide inner ferrule under braid until cable dielectric is flush with front of inner ferrule. Slide outer ferrule in place and crimp with die set shown in table above.

Step 3



Step 3 Place insulator washer on cable center conductor and bottom against inner ferrule body as shown. Contact must butt firmly against insulator washer while soldering.

Step 4



Step 4 Screw ferrule-contact assembly into body and tighten to 20-25 lbf.-in. torque. Slide heat shrink tubing over ferrule, up against clamp nut and shrink by applying heat.