

SMA Solder Type Straight Jacks, Straight Plugs, and Straight Bulkhead Jacks for Semi-Rigid Cable

1. Identify connector parts. (2 piece parts)
2. Strip cable to dimensions shown. Do not nick center conductor.
3. Place center contact on center conductor making sure contact bottoms against cable insulation. Solder center conductor to center contact through solder hole. Solder must not be allowed to run on outside of contact. Use a minimum amount of solder for a good joint. .020 (0.51) diameter solder is recommended. Trim excess insulation.
4. Insert contact and cable into body assembly making sure cable is bottomed against insulator in body. Solder body to cable. Use a minimum amount of heat to minimize cable insulation movement

Cable Group	Part No.	"A"
RG-405/U (.086 Semi-Rigid)	141-0593-001	.070 (1.78).070
	141-0593-401	(1.78).070 (1.78)
	141-0693-002	
RG-402/U (.141 Semi-Rigid)	141-0594-001	.085 (2.16).085
	141-0594-401	(2.16).085 (2.16)
	141-0694-002	
RG-405/U (.086 Semi-Rigid)	142-0593-001/006	.070 (1.78).070
	142-0593-401/406	(1.78).070 (1.78).070
	142-0593-411/416	(1.78)
	142-0693-001/006	
RG-402/U (.141 Semi-Rigid)	142-0594-001/006	.085 (2.16).085
	142-0594-401/406	(2.16).085 (2.16)
	142-0694-001/006	

SMA Solder Type Straight Plugs for Semi-Rigid Cable

1. Identify connector parts. (2 piece parts)
2. Strip cable to dimensions shown. Do not nick center conductor. Bevel the cable center conductor per contact detail of SMA interface on page 48. Slide coupling nut onto cable as shown.
3. Insert cable into body making sure cable jacket is flush with front of body. Solder body to cable. Use a minimum amount of heat to minimize cable insulation movement. Trim expanded insulation flush with front of body or fixture body and cable during soldering to prevent cable insulation expansion.
4. Thread coupling nut over body.

Cable Group	Part No.
RG-402/U (.141 Semi-Rigid)	142-0694-011
	142-0694-016
	141-0694-012

