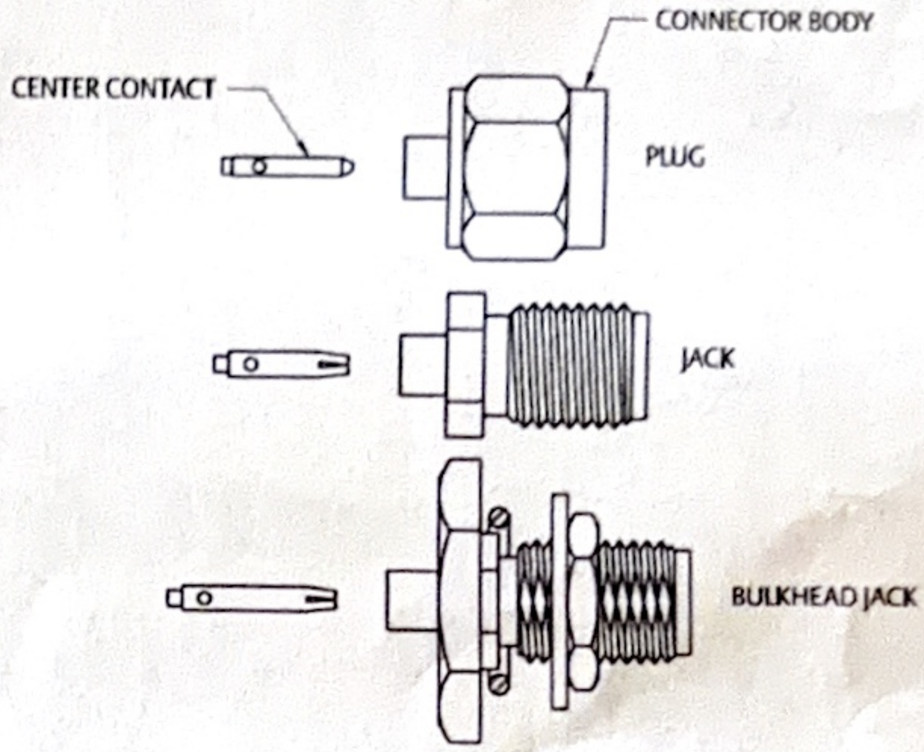
JOHNSON®

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

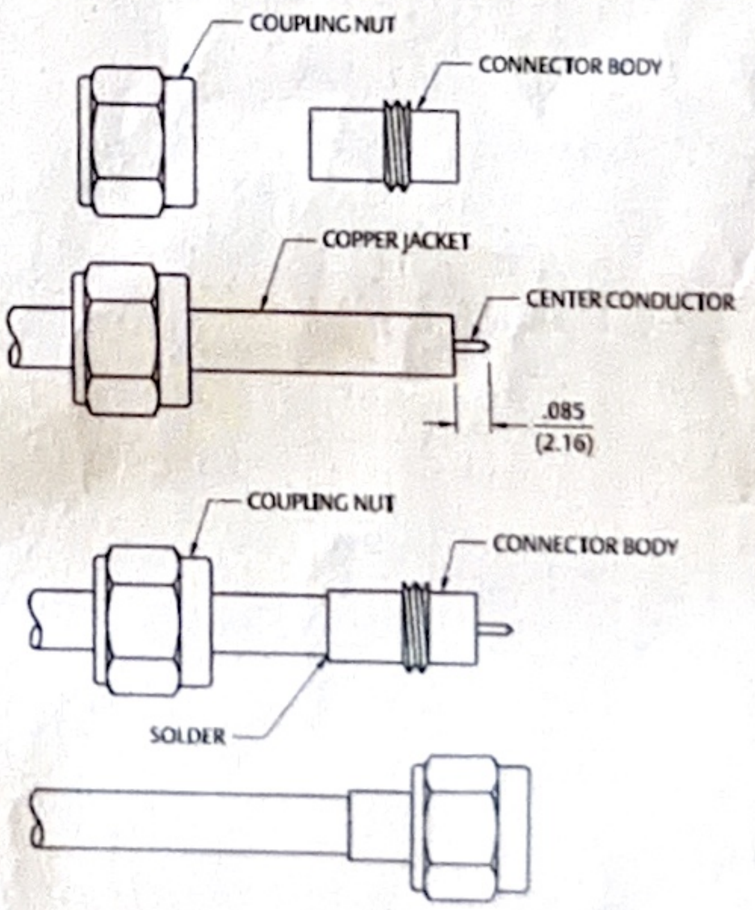
Cable Group	Part No.	"A"
RG-405/U (.086 Semi-Rigid)	141-0593-001 141-0593-401 141-0693-002	.070 (1.78).070 (1.78).070 (1.78)
RG-402/U (.141 Semi-Rigid)	141-0594-001 141-0594-401 141-0694-002	.085 (2.16).085 (2.16).085 (2.16)
RG-405/U (.086 Semi-Rigid)	142-0593-001/006 142-0593-401/406 142-0593-411/416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



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



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