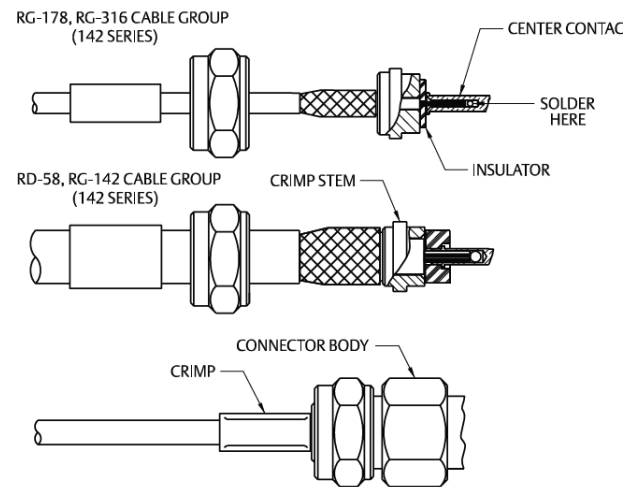
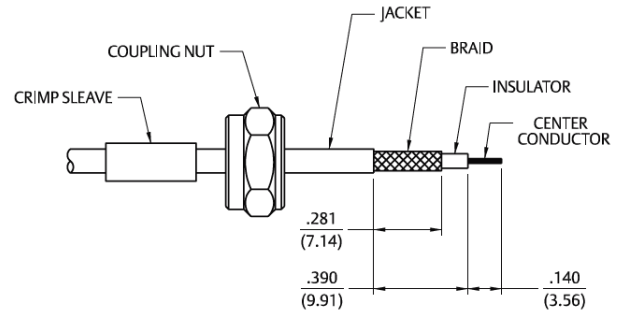


SMA Crimp Type Straight Plugs, Straight Jacks, and Straight Bulkhead Jacks for Flexible Cable

1. Identify connector parts. (6 piece parts – except bulkhead)
2. Strip cable to dimensions shown. Do not nick braid or center conductor. A wire stripper of correct size is recommended for this step. Twist stranded center conductor into tight bundle and tin (optional). Slide crimp sleeve, nut and heat shrink tubing (as applicable) onto cable as shown.
3. Flare braid and slide cable into crimp stem. Place rear insulator and center contact over center conductor and position as shown for different cable sizes. Solder center conductor to contact through the solder hole. Solder must not be allowed to gather and run on outside of contact. Use a minimum amount of solder for a good joint. .020 (0.51) diameter solder is recommended.
4. Arrange braid uniformly around crimp stem. Slide crimp sleeve over braid and crimp securely using recommended crimp tool. Slide center contact assembly into connector body. Thread coupling nut onto body and tighten to 10 in.-lb. torque. Slide heat shrink forward and shrink (as applicable).



Cable Group	Part No.	Crimp Hex
RG-178/U, 196	142-0302-401	.105 (2.67)
	142-0302-406	.105 (2.67)
RG-316/U, 161, 174, 188	142-0303-401	.128 (3.25)
	142-0303-406	.128 (3.25)
RG-316 DS, 188 DS	142-0304-401	.151 (3.83)
	142-0304-406	.151 (3.83)
RG-58/U, 141, 303	142-0307-401	.213 (5.41)
	142-0307-406	.213 (5.41)
RG-55/U, 142, 223, 400	142-0308-401	.213 (5.41)
	142-0308-406	.213 (5.41)
RG-316/U, 161, 174, 188	142-0403-001	.128 (3.25)
	142-0403-006	.128 (3.25)

