

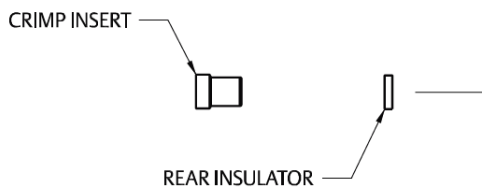
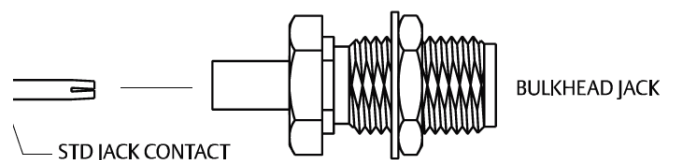
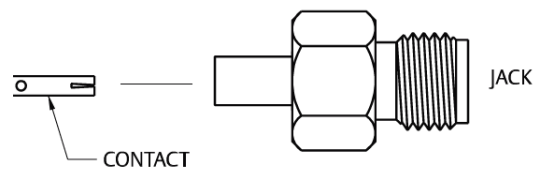
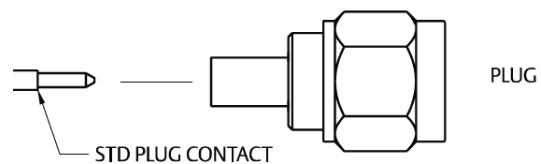
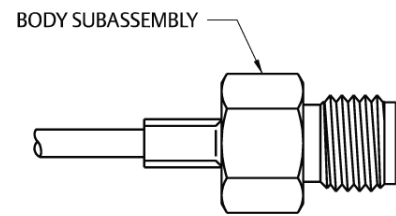
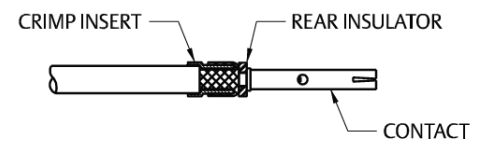
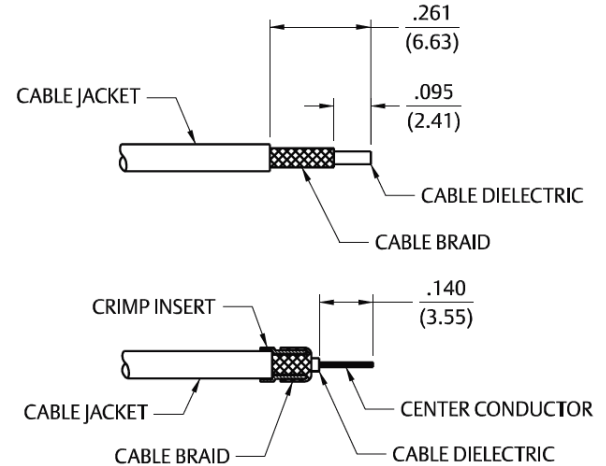


**THE DATASHEET OF**  
**141-0403-012**



## SMA Type Straight Plugs, Straight Jacks, and Straight Bulkhead Jacks for Flexible Cable – Crimp or Solder Contacts

1. Identify connector parts. (3 piece parts – except bulkhead)
2. Strip cable to dimensions shown. Do not nick braid or center conductor. Tin center conductor if contact will be solder attached. Do not tin center conductor if contact is to be crimp attached. When stripping LMR-100 low loss cable, remove foil back to where cable jacket is stripped. A wire stripper of correct size is recommended for this step. Slide heat shrink (as applicable) and crimp sleeve onto jacket of cable.
3. Assemble contact onto cable as shown. **Solder Attachment:** Solder contact to center conductor through solder hole using .020 (0.51) diameter solder. Use a minimum amount of solder for a good joint. **Crimp Attachment:** Crimp contact to center conductor using Johnson Hand Tool 144-0000-910, setting #2, with positioner 141-0000-907. Crimp location should be centered between end of contact and X-hole. Crimp attachment to solid center conductor cables is not recommended.
4. Flare braid and slide body assembly over contact and under braid. Then seat body assembly firmly onto contact. The cable may have to be held in a clamping fixture. Arrange braid uniformly around crimp stem. Slide crimp sleeve forward and crimp using recommended crimp tool. Slide heat shrink forward and shrink (as applicable).





**SMA Type Straight Plugs, Straight Jacks, and Straight Bulkhead Jacks  
for Flexible Cable – Crimp or Solder Contacts (cont'd from last page )**

Cable Group	Part No.	"A"	"B"	Crimp Hex
RG-316/U, 161, 174, 188; LMR-100	141-0303-412	.128 (3.25)	.270 (6.86)	.105 (2.67)
RG-316 DS, 188 DS	141-0304-412	.151 (3.83)	.270 (6.86)	.128 (3.25)
RG-58/U, 141, 303	141-0307-412	.213 (5.41)	.270 (6.86)	.151 (3.83)
RG-55/U, 142, 223, 400	141-0308-412	.213 (5.41)	.270 (6.86)	.128 (3.25)
RG-316/U, 161, 174, 188; LMR-100	141-0403-012	.128 (3.25)	.270 (6.86)	.105 (2.67)
RG-316 DS, 188 DS	141-0404-012	.151 (3.83)	.270 (6.86)	.128 (3.25)
RG-58/U, 141, 303	141-0407-012	.213 (5.41)	.270 (6.86)	.151 (3.83)
RG-55/U, 142, 223, 400	141-0408-012	.213 (5.41)	.295 (7.49)	.213 (5.41)
RG-316/U, 161, 174, 188; LMR-100	142-0303-011/016	.215 (5.46)	.278 (7.06)	.128 (3.25)
	142-0303-411/416	.215 (5.46)	.278 (7.06)	.128 (3.25)
	142-9303-411			
RG-316 DS, 188 DS	142-0304-011/016	.215 (5.46)	.278 (7.06)	.151 (3.83)
	142-0304-411/416	.215 (5.46)	.278 (7.06)	.151 (3.83)
RG-58/U, 141, 303	142-0307-011/016	.215 (5.46)	.278 (7.06)	.213 (5.41)
	142-0307-411/416	.215 (5.46)	.278 (7.06)	.213 (5.41)
RG-55/U, 142, 223, 400	142-0308-011/016	.215 (5.46)	.278 (7.06)	.213 (5.41)
	142-0308-411/416	.215 (5.46)	.278 (7.06)	.213 (5.41)
RG-179/U, 187	142-0333-011/016	.215 (5.46)	.278 (7.06)	.128 (3.25)
	142-0333-411/416	.215 (5.46)	.278 (7.06)	.128 (3.25)
RG-316/U, 161, 174, 188; LMR-100	142-0403-011/016	.215 (5.46)	.278 (7.06)	.128 (3.25)
RG-316 DS, 188 DS	142-0404-011/016	.215 (5.46)	.278 (7.06)	.151 (3.83)
RG-58/U, 141, 303	142-0407-011/016	.215 (5.46)	.278 (7.06)	.213 (5.41)
RG-55/U, 142, 223, 400	142-0408-011/016	.215 (5.46)	.278 (7.06)	.213 (5.41)
RG-179/U, 187	142-0433-011/016	.215 (5.46)	.278 (7.06)	.128 (3.25)
RG-316/U, 161, 174, 188; LMR-100	142-1403-001/006	.280 (7.11)	.715 (18.16)	.128 (3.25)
RG-316 DS, 188 DS	142-1404-001/006	.280 (7.11)	.715 (18.16)	.151 (3.83)
RG-58/U, 141, 303	142-1407-001/006	.280 (7.11)	.715 (18.16)	.213 (5.41)
RG-55/U, 142, 223, 400	142-1408-001/006	.280 (7.11)	.715 (18.16)	.213 (5.41)
RG-316/U, 161, 174, 188; LMR-100	142-4303-401/406	.215 (5.46)	.278 (7.06)	.128 (3.25)
RG-316 DS, 188 DS	142-4304-401/406	.215 (5.46)	.278 (7.06)	.151 (3.83)
RG-58/U, 141, 303	142-4307-401/406	.215 (5.46)	.278 (7.06)	.213 (5.41)
RG-55/u, 142, 223, 400	142-4308-401/406	.215 (5.46)	.278 (7.06)	.213 (5.41)
RG-316/U, 161, 174, 188; LMR-100	142-4403-001/006	.215 (5.46)	.278 (7.06)	.128 (3.25)
RG-316 DS, 188 DS	142-4404-001/006	.215 (5.46)	.278 (7.06)	.151 (3.83)
RG-58/U, 141, 303	142-4407-001/006	.215 (5.46)	.278 (7.06)	.213 (5.41)
RG-55/U, 142, 223, 400	142-4408-001/006	.215 (5.46)	.278 (7.06)	.213 (5.41)
RG-316/U, 161, 174, 188; LMR-100	142-5303-401/406	.215 (5.46)	.278 (7.06)	.128 (3.25)
RG-316 DS, 188 DS	142-5304-401/406	.215 (5.46)	.278 (7.06)	.151 (3.83)
RG-58/U, 141, 303	142-5307-401/406	.215 (5.46)	.278 (7.06)	.213 (5.41)
RG-55/U, 142, 223, 400	142-5308-401/406	.215 (5.46)	.278 (7.06)	.213 (5.41)
RG-316/U, 161, 174, 188; LMR-100	142-5403-001/006	.215 (5.46)	.278 (7.06)	.128 (3.25)
RG-316 DS, 18 DS	142-5404-001/006	.215 (5.46)	.278 (7.06)	.151 (3.83)
RG-58/U, 141, 303	142-5407-001/006	.215 (5.46)	.278 (7.06)	.213 (5.41)
RG-55/U, 142, 223, 400	142-5408-001/006	.215 (5.46)	.278 (7.06)	.213 (5.41)
RG-316/U, 161, 174, 188; LMR-100	142-9403-011	.215 (5.46)	.278 (7.06)	.128 (3.25)
RG-316 DS, 188 DS	142-9404-011	.215 (5.46)	.278 (7.06)	.151 (3.83)
RG-58/U, 141, 303	142-9407-011	.215 (5.46)	.278 (7.06)	.213 (5.41)

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