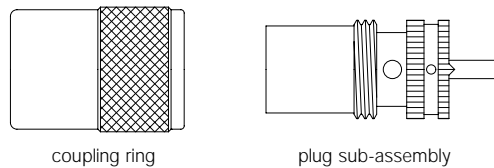


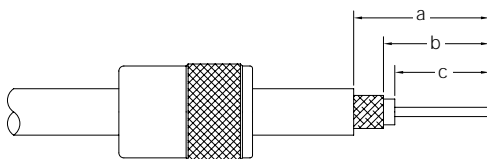
UG STANDARD SOLDER TYPE

PLUGS 83-1SP, 83-1SP-1050, 83-1SP-15RFX, 83-822



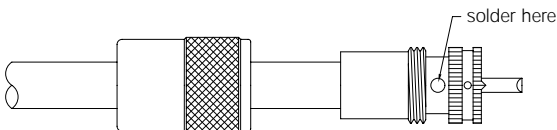
| Amphenol Number | Connector Type | Cable RG-/U | Attachment Data | | Stripping Dimensions, inches (mm) | | |
|-----------------|----------------|----------------------------------|-----------------|--------|-----------------------------------|------------|------------|
| | | | Outer | Inner | a | b | c |
| 83-1SP-1050 | UHF Plug | 8, 9, 11, 213, 214, 63, 87A, 225 | Solder | Solder | 1.25(31.8) | .687(17.4) | .625(15.9) |
| 83-1SP | UHF Plug | 8, 9, 11, 213, 214, 63, 87A, 225 | Solder | Solder | 1.25(31.8) | .687(17.4) | .625(15.9) |
| 83-1SP-15RFX | UHF Plug | 8, 9, 11, 213, 214, 63, 87A, 225 | Solder | Solder | 1.13(28.6) | .689(17.5) | .625(15.9) |
| 83-822 | UHF Plug | 8, 9, 11, 213, 214, 63, 87A, 225 | Solder | Solder | 1.25(31.8) | .687(17.4) | .625(15.9) |
| 83-59 | UHF Angle Plug | 8, 9, 11, 213, 214, 63, 87A, 225 | Solder | Solder | .844(21.4) | .391(9.9) | .250(6.4) |
| 83-67 | UHF Angle Plug | 8, 9, 11, 213, 214, 63, 87A, 225 | Solder | Solder | .844(21.4) | .391(9.9) | .250(6.4) |

Step 1



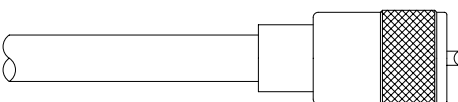
Step 1 Slide coupling ring onto cable. Cut end of cable even and strip jacket, braid and dielectric to dimensions shown in table. All cuts are to be sharp and square. Do not nick braid, dielectric or center conductor. Tin exposed center conductor and braid, avoiding excessive heat.

Step 2



Step 2 Screw the plug sub-assembly on cable. Solder assembly to braid through solder holes, making a good bond between braid and shell. Solder conductor to contact. Do not use excessive heat.

Step 3



Step 3 For final assembly on straight plugs, move coupling ring forward and screw in place on plug sub-assembly.