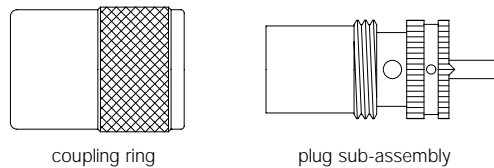


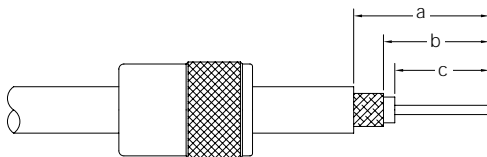
UG STANDARD SOLDER TYPE

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



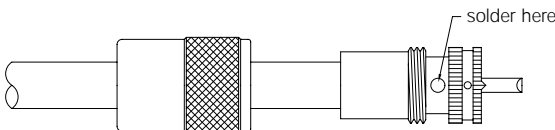
Amphenol Number	Connector Type	Cable RG-/U	Attachment Data		Stripping Dimensions, inches (mm)		
			Outer	Inner	a	b	c
83-1SP-1050	UHF Plug	8, 9, 11, 213, 214, 63, 87A, 225	Solder	Solder	1.25(31.8)	.687(17.4)	.625(15.9)
83-1SP	UHF Plug	8, 9, 11, 213, 214, 63, 87A, 225	Solder	Solder	1.25(31.8)	.687(17.4)	.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



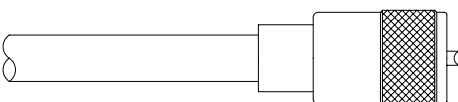
Step 1 Slide coupling ring onto cable. Cut end of cable even and strip jacket, braid and dielectric to dimensions shown in table. All cuts are to be sharp and square. Do not nick braid, dielectric or center conductor. Tin exposed center conductor and braid, avoiding excessive heat.

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.

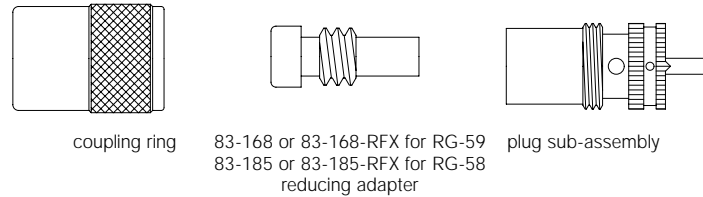
Step 3



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

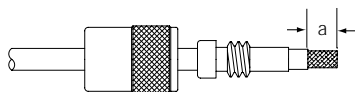
UG STANDARD SOLDER TYPE WITH REDUCING ADAPTER

FOR PLUGS 83-1SP, 83-1SP-1050, 83-1SP-15RFX, 83-822, USING 83-168 83-168-RFX, OR 83-185, 83-185-RFX REDUCING ADAPTER



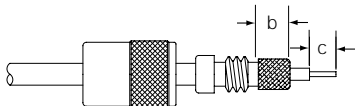
Amphenol Number	Connector Type	Cable RG-/U (using 83-168 or 83-168-RFX)	Cable RG-/U (using 83-185 or 83-185-RFX)	Attachment Data		Using 83-168 or 83-185 Stripping Dims, inches (mm)			Using 83-168-RFX or 83-185-RFX Stripping Dims, inches (mm)		
				Outer	Inner	a	b	c	a	b	c
83-1SP	UHF Plug	59	58	Solder	Solder	.750(19.1)	.375(9.5)	.625(15.9)	.689(17.5)	.375(9.5)	.551(14.0)
83-1SP-1050	UHF Plug	59	58	Solder	Solder	.750(19.1)	.375(9.5)	.625(15.9)	.689(17.5)	.375(9.5)	.551(14.0)
83-1SP-15RFX	UHF Plug	59	58	Solder	Solder	.750(19.1)	.375(9.5)	.625(15.9)	.689(17.5)	.375(9.5)	.551(14.0)
83-750	UHF Plug	59	58	Solder	Solder	.750(19.1)	.375(9.5)	.625(15.9)	.689(17.5)	.375(9.5)	.551(14.0)
83-822	UHF Plug	59	58	Solder	Solder	.750(19.1)	.375(9.5)	.625(15.9)	.689(17.5)	.375(9.5)	.551(14.0)

Step 1



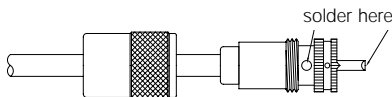
Step 1 Slide coupling ring and adapter onto cable. Cut end of cable even and strip jacket to dimension shown in table.

Step 2



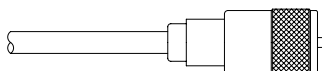
Step 2 Position adapter flush with end of cable jacket. Fan braid slightly and fold back over body of adapter as shown. Press braid down over body and trim to dimension **b**. Bare conductor to dimension **c** shown in table. Tin exposed center conductor and braid, avoiding excessive heat.

Step 3



Step 3 Screw plug sub-assembly onto adapter. Solder braid to shell through solder holes, making a good bond between braid and shell. Solder conductor to contact. Do not use excessive heat.

Step 4



Step 4 For final assembly, screw coupling ring onto plug sub-assembly.