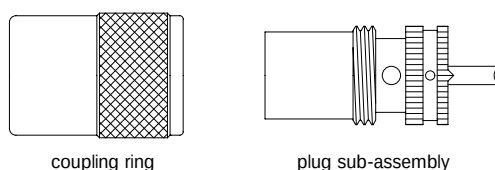


Assembly Instructions-C1 UHF

Amphenol®

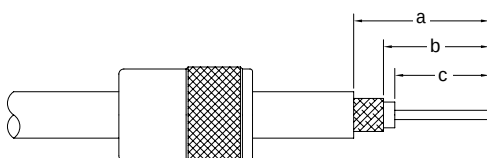
UG STANDARD SOLDER TYPE

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



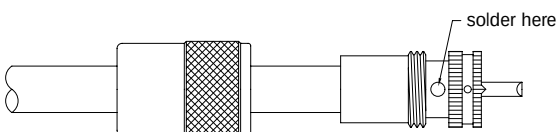
Amphenol Number	Connector Type	Cable RG-/U	Attachment Data		Stripping Dimensions, inches (mm)		
			Outer	Inner	a	b	c
83-1SP-1050	UHF Plug	8, 9, 11, 213, 214, 63, 87A, 225	Solder	Solder	1.25(31.8)	.687(17.4)	.625(15.9)
83-1SP	UHF Plug	8, 9, 11, 213, 214, 63, 87A, 225	Solder	Solder	1.25(31.8)	.687(17.4)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



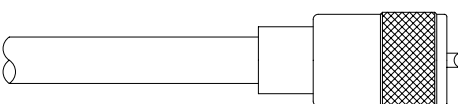
Step 1 Slide coupling ring onto cable. Cut end of cable even and strip jacket, braid and dielectric to dimensions shown in table. All cuts are to be sharp and square. Do not nick braid, dielectric or center conductor. Tin exposed center conductor and braid, avoiding excessive heat.

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.