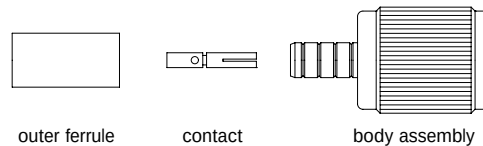


Assembly Instructions-C38

RP-BNC, RP-TNC

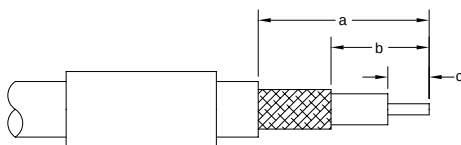
Amphenol®

Crimp Types

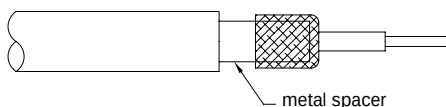


Amphenol Number	Connector Type	Cable RG-/U	Hex Crimp Data				Stripping Dimensions, inches (mm)		
			Cavity for Contact	Cavity for Outer Ferrule	Die Set for Tool 227-944	CTL Series Tool No.	a	b	c
31-5677	RP-TNC Plug w/ socket contact	58	.068(1.7)	.213(5.4)	227-1221-11	CTL-1	.593(15.1)	.250(6.4)	.156(4.0)
31-5677-1000	RP-TNC Plug w/ socket contact	142	.068(1.7)	.213(5.4)	227-1221-11	CTL-1	.593(15.1)	.250(6.4)	.156(4.0)
31-5678	RP-TNC Jack w/ pin contact	58	.068(1.7)	.213(5.4)	227-1221-11	CTL-1	.593(15.1)	.250(6.4)	.156(4.0)
31-5679	RP-TNC Plug w/ socket contact	Belden 9913	.116(2.9)	.429(10.9)	227-1221-61	—	.688(17.5)	cut for b & c	.188(4.8)
31-5680	RP-TNC Ang. Plug w/ socket contact	Belden 9913	.116(2.9)	.429(10.9)	227-1221-61	—	.812(20.6)	.376(9.6)	.188(4.8)
31-5684	RP-TNC Jack w/ pin contact	Belden 9913	.116(2.9)	.429(10.9)	227-1221-61	—	.688(17.5)	cut for b & c	.188(4.8)
31-5685	RP-TNC Panel Jack w/ pin contact	178	.068(1.7)	.151(3.8)	227-1221-62	—	.369±.010(9.5)	cut for b & c	.156(4.0)
31-5686	RP-TNC Blkh. Jack w/ pin contact	178	.068(1.7)	.151(3.8)	227-1221-62	—	.812(20.6)	.437(11.1)	.156(4.0)
31-5687-T	RP-TNC Blkh. Jack w/ pin contact	58, 141	.068(1.7)	.213(5.4)	227-1221-11	CTL-1	.812(20.6)	.469(11.9)	.156(4.0)
31-5705	RP-BNC Plug w/ socket contact	58, 141	.068(1.7)	.213(5.4)	227-1221-11	CTL-1	.593(15.1)	.250(6.4)	.156(4.0)
31-5787	RP-BNC Blkh. Jack w/ pin contact	174, 188, 316	.068(1.7)	.178(4.5)	227-1221-9	CTL-2	.670(17.0)	.500(12.7)	.220(5.6)
31-6034	BNC RP Plug	B8214,9913	.118 (3.0)	.429 (10.9)	227-1221-61	CTL-11	.639 (16.2)	.312 (7.9)	.158 (4.0)
31-6036	BNC RP Plug	58	.068 (1.7)	.213 (5.4)	227-1221-11	CTL-1,5	.639 (16.2)	.312 (7.9)	.158 (4.0)
31-6031	TNC RP Jack	58	.068 (1.7)	.213 (5.4)	227-1221-11	CTL-1,5	.630 (16.0)	.303 (7.7)	.157 (4.0)
31-6035	BNC RP Jack	58	.068 (1.7)	.213 (5.4)	227-1221-11	CTL-1,5	.630 (16.0)	.303 (7.7)	.157 (4.0)
31-6032	TNC RP Blkh Jack	58	.068 (1.7)	.213 (5.4)	227-1221-11	CTL-1,5	.689 (17.5)	.362 (9.2)	.158 (4.0)
31-6030	TNC RP Plug	58	.068 (1.7)	.213 (5.4)	227-1221-11	CTL-1,5	.639 (16.2)	.312 (7.9)	.158 (4.0)
31-6033	TNC RP Plug	B8214,9913	.118 (3.0)	.429 (10.9)	227-1221-61	CTL-11	.639 (16.2)	.312 (7.9)	.158 (4.0)

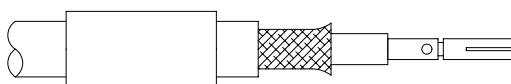
Step 1



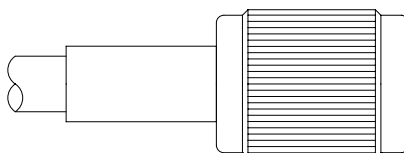
Step 1a



Step 2



Step 3



Step 1 Strip cable jacket, braid, and dielectric to dimensions in table above. All cuts are to be sharp and square. Important: Do not nick braid, dielectric, and center conductor. Slide outer ferrule onto cable as shown.

Step 1a For **31-5685** & **31-5686** only, slide metal spacer over exposed braid until it butts against cable jacket. Fold braid back over spacer, making sure to smooth out braid over spacer. Slide TFE sleeve over end of cable dielectric, positioning it flush with end of dielectric.

Step 2 For all P/Ns place contact on cable center conductor so that it butts against cable dielectric. Crimp contact in place using Die Set Cavity in table above. For all P/Ns except 31-5685 & 31-5686, flare slightly end of cable braid as shown to facilitate insertion of inner ferrule. Important: Do not comb out braid.

Step 3 For all P/Ns except 31-5685 & 31-5686, install cable assembly into body assembly so that ferrule on body slides under braid. Push cable assembly forward until contact snaps into place in insulator. Slide crimp ferrule over braid and up against connector body. Crimp outer ferrule using Die Set Cavity in table above.

Step 3a For **31-5685** & **31-5686**, slide cable assembly into body until it clicks into place. Crimp on the end of the body using Die Set cavity in table above.