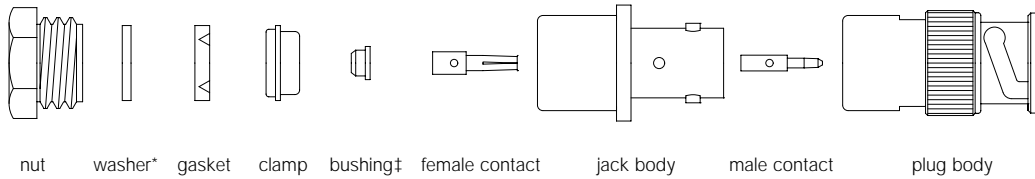




THE DATASHEET OF
31-2



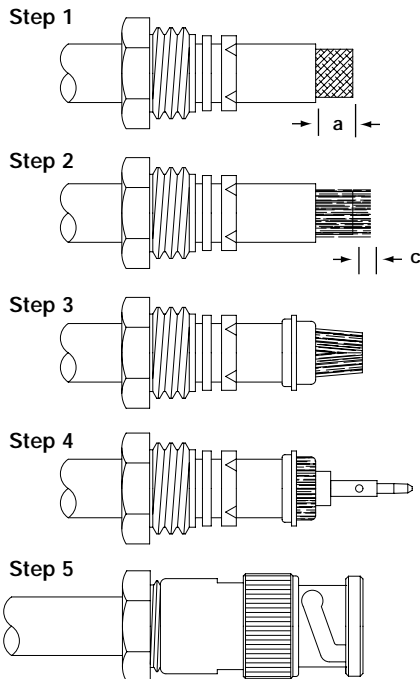
CLAMP CONNECTORS



* Not supplied on all items

‡ For use on RG-62, 71, 122, 178, 180, 196, 210

Amphenol Number	Connector Type	Cable RG-/U	Stripping Dims, Inches (Millimeters)	
			a	c
6775	BNC Plug	8, 9, 11, 213, 214	.490(12.4)	.200(5.1)
6775-75	75Ω BNC Plug	11	.490(12.4)	.200(5.1)
8525	BNC Angle Plug	58, 141, 142, 400	.343(8.7)	.187(4.7)
8575	BNC Angle Plug	59, 62, 140, 210	.297(7.5)	.094(2.4)
9350	BNC Plug	6	.405(10.3)	.094(2.4)
15875	BNC Plug	178, 196	.156(3.96)	.078(1.98)
16300	BNC Plug	180	.250(6.4)	.094(2.4)
33275	BNC Angle Plug	174, 179, 187, 188, 316	.540(13.7)	.156(3.96)
69475	BNC Plug	174, 179, 187, 188, 316	.281(7.1)	.172(4.4)
84975	BNC Plug	122	.281(7.1)	.172(4.4)
86350	BNC Bulkhead Jack	174, 179, 187, 188, 316	.265(6.73)	.156(3.96)
86425	BNC Panel Jack	174, 179, 187, 188, 316	.313(7.95)	.203(5.15)
86850	BNC Bulkhead Jack	178, 196	.266(6.75)	.109(2.76)
31-2	BNC Plug	58, 141, 142, 400	.312(7.9)	.094(2.4)
31-2-RFX	BNC Plug	58, 141, 142A	.315(8.0)	.118(3.0)
31-15	BNC Jack	59, 62, 71, 140, 210	.297(7.54)	.109(2.75)
31-202	BNC Plug	55, 58, 141, 142, 223, 400	.274(6.95)	.094(2.4)
31-204	BNC Angle Plug	55, 58, 141, 142, 223, 400	.297(7.54)	.109(2.8)
31-206	BNC Bulkhead Jack	58, 141, 142, 400	.297(7.5)	.109(2.8)
31-207	BNC Bulkhead Jack	59, 62, 71, 140, 210	.297(7.54)	.109(2.75)
31-212	BNC Plug	59, 62, 71, 140, 210, 302	.250(6.4)	.094(2.4)
31-212-1005	BNC Plug	59 (20GA CC)	.250(6.4)	.094(2.4)
31-850	BNC Angle Plug	59, 62, 71, 140, 210	.375(9.52)	.125(3.17)
31-3202	BNC Plug	55, 58, 141, 142, 223, 400	.250(6.4)	.094(2.4)
31-3301	BNC Plug	58, 141, 142, 223	.250(6.4)	.094(2.4)
31-3302	BNC Plug	59, 62, 71, 140, 210	.250(6.4)	.094(2.4)



▲ For angle plugs only: (except 31-204) Solder center conductor to preassembled contact. Assemble cap and lightly punch center of cap for retention in body, or solder in place.

Step 1 Place nut, washer (when supplied) and gasket over cable and strip jacket to dimension **a** shown in table above.

Step 2 Comb out braid and fold out. Trim insulation off center conductor to dimension **c** shown in table above. [For RG-62, 71 and 210/U cable, trim an additional .032"(0.8mm) of insulation off center conductor and add bushing.] Tin center conductor.



Step 3 Pull braid wires forward and taper toward center conductor. Place clamp over braid and push back against cable jacket.

Step 4 Fold back braid wires as shown, trim to proper length [approximately .125" (3.2mm) long] and form over clamp as shown. Braid wire should not extend beyond step of braid clamp. Solder contact to center conductor, sliding bushing first (when supplied) over center conductor. ▲

Step 5 Insert cable and parts into connector body. Make sure sharp edge of clamp seats properly in gasket. Tighten nut to approximately 15 inch pounds.

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