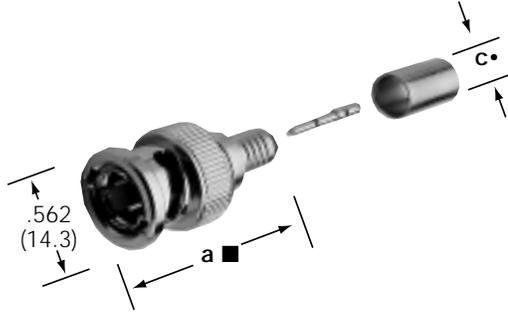


Fig. 1



75Ω BNC Crimp Plugs

31-70000	31-70222	31-71008	31-71013-1000
31-70000-1000	31-70234	31-71008-1000	31-71032
31-70008	31-70235	31-71008-2000	31-71033
31-70008-1000	31-70236	31-71008-1RFX	31-71034
31-70008-3000	31-70237	31-71008-RFX	31-71035
31-70013	31-70238	31-71013	31-71064
31-70013-1000	31-71000-RFX	31-71013-RFX	31-71065
			31-71066

75Ω BNC PLUGS AND ANGLE PLUGS

Cable RG-/U	Connector Configuration	Cable Attachment		Dimensions, inches (millimeters)			Notes			75Ω Type	Amphenol Number	Fig.
		Outer	Inner	a ■	c •	d	CAI	Plt.	Ins.			
RG-6 Type .295" O.D. max. Belden 9248, 1694A (Single Shield)	Plug	Crimp	Crimp	1.35(34.3)	.300(7.6)	—	C31	P15	D1	T1	31-70000☆	1 ▲
	Plug	Crimp	Crimp	1.21(30.7)	.300(7.6)	—	C32	P7	D26	T2	31-71000-RFX☆	1 ▲
	Plug	Crimp	Crimp	1.25(31.8)	.300(7.6)	—	C31	P15	D1	T1	31-70000-1000	1 ▲
	Plug	Crimp	Crimp	1.21(30.7)	.300(7.6)	—	C32	P15	D1	T2	31-71064	1 ▲
59, 62 Belden 8241, 8263, 8279, 9209	Plug	Crimp	Crimp	1.25(31.7)	.261(6.6)	—	C31	P16	D1	T1	31-70008	1 ▲
	Plug	Crimp	Crimp	1.12(28.6)	.261(6.6)	—	C32	P15	D1	T2	31-71008	1 ▲
	Plug	Crimp	Crimp	1.17(29.8)	.260(6.6)	—	C32	P7	D26	T2	31-71008-RFX	1 ▲
59 (20GA CC) Belden 1426A, 1505A 9100, 9278	Plug	Crimp	Crimp	1.25(31.8)	.261(6.6)	—	C31	P15	D1	T1	31-70008-3000	1 ▲
	Plug	Crimp	Crimp	1.12(28.5)	.261(6.6)	—	C32	P15	D1	T2	31-71008-1000	1 ▲
	Plug	Crimp	Crimp	1.17(29.8)	.261(6.6)	—	C32	P7	D26	T2	31-71008-1RFX	1 ▲
Plenum 59, Belden 88241 82259, 89259	Plug	Crimp	Crimp	1.11(28.2)	.220(5.6)	—	C32	P15	D1	T2	31-71008-2000	1 ▲
Plenum 59 (20GA CC) Belden 82108	Plug	Crimp	Crimp	1.11(28.2)	.220(5.6)	—	C32	P15	D1	T2	31-71035	1 ▲
DbI Shield 59 (20GA CC) 179, 187	Plug	Crimp	Crimp	1.36(34.5)	.334(8.5)	—	C31	P15	D1	T1	31-70222	1 ▲
DbI. Br. 179	Plug	Crimp	Crimp	1.33(33.5)	.120(3.0)	—	C31	P15	D1	T1	31-70013	1 ▲
	Plug	Crimp	Crimp	1.19(30.2)	.120(3.0)	—	C32	P15	D1	T2	31-71013	1 ▲
	Plug	Crimp	Crimp	1.19(30.2)	.106(2.7)	—	C32	P17	D23	T2	31-71013-RFX	1 ▲
ATT 728B, Belden 9231	Plug	Crimp	Crimp	1.25(31.7)	.175(4.4)	—	C31	P15	D1	T1	31-70013-1000	1 ▲
	Plug	Crimp	Crimp	1.11(28.2)	.175(4.4)	—	C32	P15	D1	T2	31-71013-1000	1 ▲
ATT 734A	Plug	Crimp	Crimp	1.36(34.5)	.342(8.7)	—	C31	P16	D1	T1	31-70022	1 ▲
Belden 8218	Plug	Crimp	Crimp	1.25(31.7)	.261(6.6)	—	C31	P15	D1	T1	31-70008-1000	1 ▲
Belden 8281, 88281	Plug	Crimp	Crimp	1.11 (28.2)	.175(4.4)	—	C32	P15	D1	T2	31-71033	1 ▲
Belden 8281, 88281	Plug	Crimp	Crimp	1.21 (30.7)	.342(8.7)	—	C32	P15	D1	T2	31-71032	1 ▲
Belden 89248, (Plenum)	Plug	Crimp	Crimp	1.35 (34.3)	.250 (6.4)	—	C31	P15	D1	T1	31-70000☆	1 ▲
Belden 89248, (Plenum)	Plug	Crimp	Crimp	1.35 (34.3)	.250 (6.4)	—	C31	P15	D1	T1	31-70000☆	1 ▲
Belden 9290, 1152A	Plug	Crimp	Crimp	1.21 (30.7)	.314(8.0)	—	C32	P7	D26	T2	31-71000-RFX☆	1 ▲
Belden 9290, 1152A	Plug	Crimp	Crimp	1.21 (30.7)	.314(8.0)	—	C32	P15	D1	T2	31-71065	1 ▲
Belden 89292	Plug	Crimp	Crimp	1.62 (41.1)	.418(10.6)	*	C32	P15	D1	T2	31-71034	1 ▲
Quad 59 Headend Cable	Plug	Crimp	Crimp	1.12 (28.6)	.287(7.3)	—	C32	P15	D1	T2	31-71066	1 ▲
Belden 1694	Plug	Crimp	Crimp	1.00(25.4)	.260(6.6)	-	C26a	P7	D1	T1	31-70234	1
Belden 8281	Plug	Crimp	Crimp	1.00(25.4)	.260(6.6)	-	C26a	P7	D1	T1	31-70235	1
Belden 8218	Plug	Crimp	Crimp	1.00(25.4)	.260(6.6)	-	C26a	P7	D1	T1	31-70236	1
Belden 734A	Plug	Crimp	Crimp	1.00(25.4)	.260(6.6)	-	C26a	P7	D1	T1	31-70237	1
Belden 735A	Plug	Crimp	Crimp	1.00(25.4)	.260(6.6)	-	C26a	P7	D1	T1	31-70238	1

• accommodates cable diameter ■ includes outer ferrule ☆ supplied with two crimp ferrules ▲ Distributor Stocked * OD = .590(15.0)

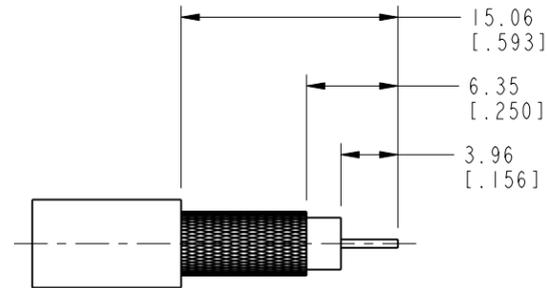
NOTES:

1. MATERIALS AND FINISHES:
 BODY - BRASS, NICKEL PLATING.
 CONTACT - BRASS, GOLD PLATING.
 INSULATOR - PTFE, NATURAL
2. ELECTRICAL:
 A. IMPEDANCE: 75 OHM
3. MECHANICAL:
 A. DURABILITY: 500 CYCLES MIN.
 B. TEMPERATURE RANGE: -65° C TO +165° C
4. WHEN CRIMPING CONTACT PIN TO CABLE, CRIMP WITH AMPHENOL TOOL 227-944 (M22520/5-01) AND DIE SET 227-1221-32, CAVITY 'B' (OR CTL-2, .068 HEX).
5. WHEN CRIMPING FERRULE TO CABLE, CRIMP WITH AMPHENOL TOOL 227-944 (M22520/5-01) AND DIE SET 227-1221-32, CAVITY 'A' (OR CTL-2, .324 HEX).
6. ASTERISK (*) INDICATES CABLE ENTRY DIM'S.
7. USE WITH BELDEN 8281, 8281B, 8281F, 9141, 9231 CABLES, AND AT&T 728, CLARK CV752 CABLES.
8. PACKAGE CONNECTOR IN BAG.

THIRD ANGLE PROJ.

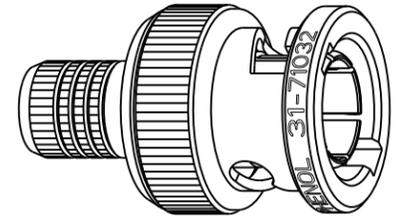
REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
--	RELEASE TO MFG.	----	----	----
F	SPRING WAS CHANGED	09-Aug-12	49157	SH

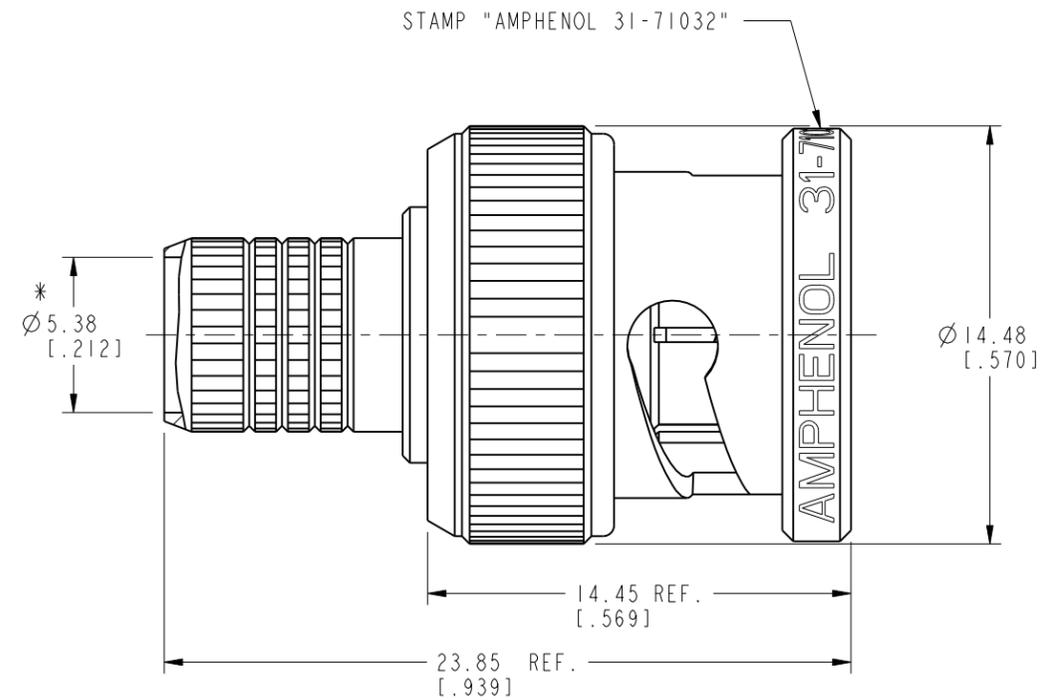
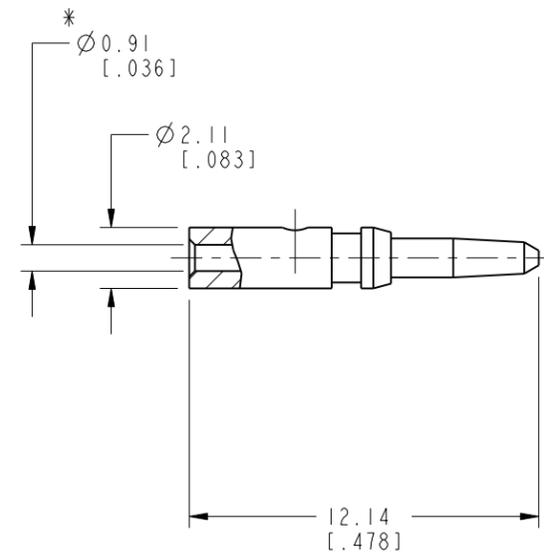
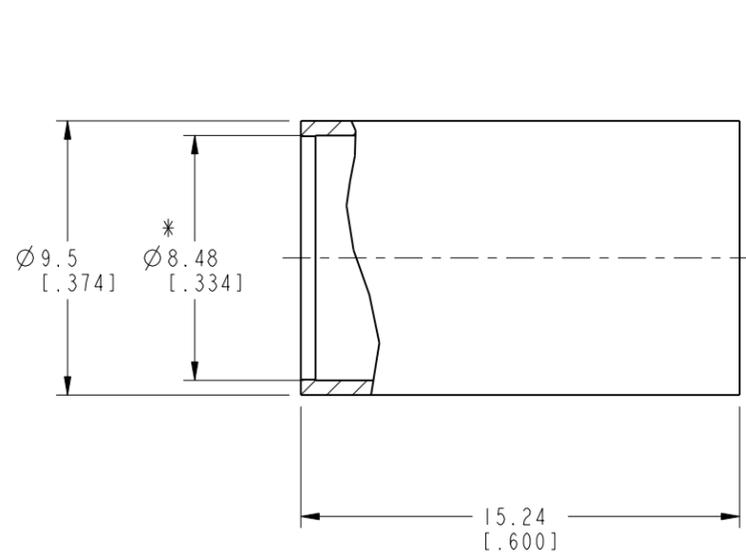


SCALE 2.000

RECOMMENDED CABLE STRIPPING DIMENSIONS



SCALE 2.000



CUSTOMER OUTLINE DRAWING
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
 <0.5mm ± 0.05mm 0.5 - 6mm ± 0.1mm 6 - 30mm ± 0.2mm 30 - 120mm ± 0.3mm ANGLES ± 1°

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MATERIAL	DRAWN T. DENG	DATE 09-Aug-12	TITLE BNC PLUG (75 OHM) FOR RG-59 DOUBLE BRAIDED TYPE CABLE	Amphenol RF www.amphenolrf.com	
	ENGINEER D. ROYCE	DATE 01-Aug-90			
REFERENCE EAR 961834-0 EAR 964772-0 CONFIGURATION LEVEL:	APPROVED S. HSIEH	DATE 09-Aug-12	SCALE: 4.0:1.0	DRAWING NO. 31-71032	
	FINISH	CAD FILE	SHEET 2 OF 2 DWG SIZE B	REV F	ITEM NO. 31-71032 PART NO. 31-71032