

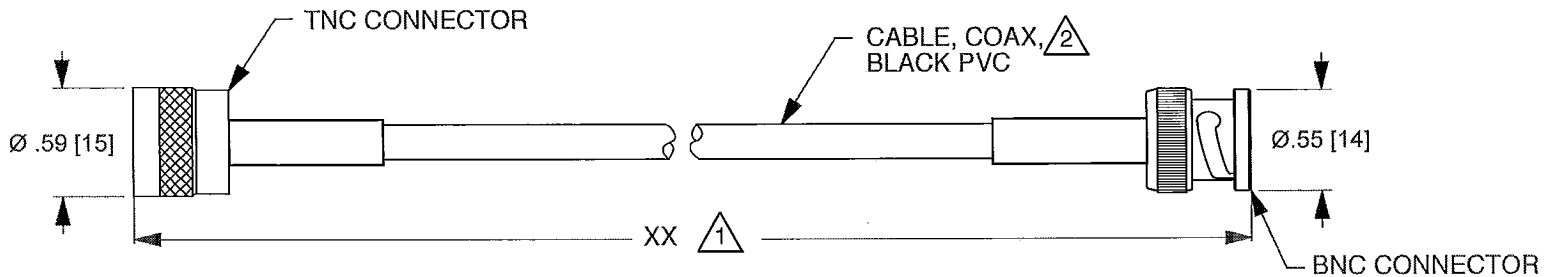
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REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	9772	INITIAL RELEASE	AB 03/25/13	PA	DV

**1 CABLE TOLERANCES**

ENGLISH		[METRIC]	
≤ 1 FT	+1/-0 IN	≤ 0.3 m	+25 mm -0 mm
>1 FT - 5 FT	+2/-0 IN	> 0.3 m- 1.5 m	+50 mm -0 mm
>5 FT - 10 FT	+4/-0 IN	>1.5 m -3 m	+100 mm -0 mm
>10 FT - 25 FT	+6/-0 IN	> 3 m -7.5 m	+150 mm -0 mm
>25 FT	+5%/-0%	> 7.5 m	+5%/-0%

<b>2 RG-58A/U COAX CABLE</b>	
MAX BEND RADIUS	2.0 IN
OPERATING RANGE	-40°C TO +80°C (40°F TO 176°)
CABLE WEIGHT	25 LBS/1000 FT
MAX PULL TENSION	50 LBS
AWG	20 AWG 19X32 58 A/U
TEMP	80°C
INSULATION	.114 FPE
SHIELD	TINNED COPPER BRAID 93%
JACKET	PCV
DIAMETER	Ø.194 NOM



**2** SEE CABLE SPECIFICATION TABLE.

**1** XX EQUALS CABLE LENGTH IN FEET.

NOTES: UNLESS OTHERWISE SPECIFIED

USED ON	NEXT ASSY
APPLICATION	
THIRD ANGLE PROJECTION USA	

UNLESS OTHERWISE SPECIFIED:  
 INTERPRET DIM & TOL PER ASME  
 Y14.5M-1994.REMOVE BURRS  
 COUNTERSINKS INTERNAL THDS 90°  
 TO MAJOR DIA CHAM EXT THDS 45°  
 TO MAJOR DIA. THD LENGTHS AND  
 DEPTHS ARE FOR THDS PER MIL-S-  
 7742.  
 DIMENSIONS APPLY AFTER  
 FINISHING.

ALL MACHINED SURFACES <sup>63</sup>  
 TOTAL RUNOUT WITHIN .005 BREAK  
 SHARP EDGES .005 TO .010 MACHINE  
 FILLET RAD. .005 TO .015. WELDING  
 SYMBOLS PER AWS A2.4  
 ABBREVIATIONS PER MIL-STD-12

CONTRACT NO		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. DIMENSION IN BRACKETS [ ] ARE IN MILLIMETERS. TOLERANCES ARE:		
INCHES	METRIC	ANGLES
.XX ±.03	.X ± 0.8	± 1°
.XXX ±.010	.XX ± 0.25	
FINISH		
DO NOT SCALE DRAWING		

		<b>MASTER ONLY IF IN RED</b>		CHATSWORTH, CA.	
SCALE	DESIGN	DATE			
2X	N.C.	10/25/02			
DRAWN	DATE	PART NO.			
AB	04/15/13	127-6091AXX <b>1</b>			
CHECKED	DATE	MAT'L			
PA	04/16/13				
APPROVED	DATE	NEXT ASSEMBLY	USED ON	SEE TABLE	
DV	03/22/13				
TITLE			DWG NO.		
<b>OUTLINE DRAWING, CABLE ASSEMBLY, TNC TO BNC, MODEL 6091A</b>			<b>127-6091A</b>		
			SHEET 1 OF 1		