

PROPRIETARY AND CONFIDENTIAL

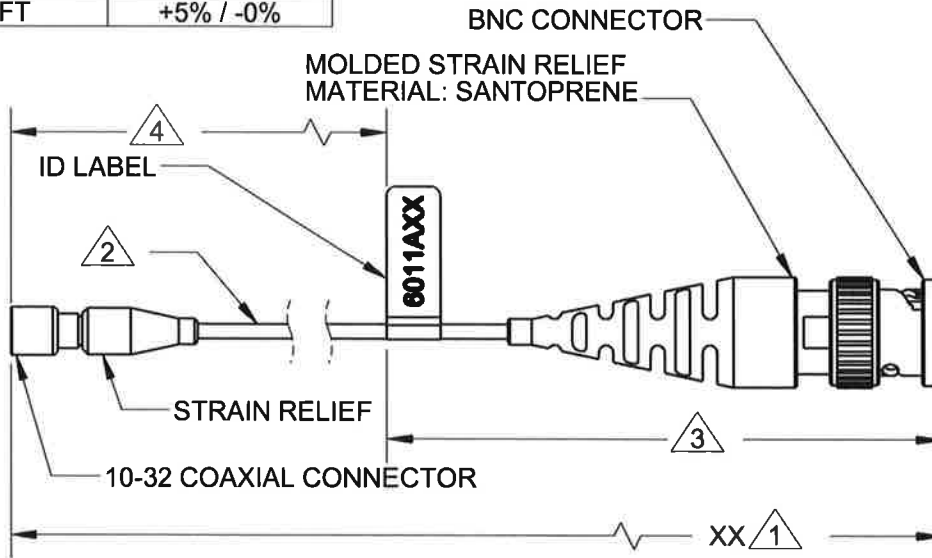
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REVISIONS

REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
D	12256	ADDED: RoHS COMPLIANT TO TITLE OF DRAWING	JS 10/05/15	LA	LN
E	12980	ADDED: NOTE 3 & 4	JS 09/27/16	LA	LN

1 CABLE LENGTH TOLERANCE

≤ 1 FT	+0.5 IN
>1 FT - 5 FT	+0.5 IN
> 5 FT - 10 FT	+4 / -0 IN
>10 FT - 25FT	+6 / -0 IN
>25 FT	+5% / -0%



SCHEMATIC DIAGRAM

2 SINGLE CONDUCTOR SHIELDED LOW NOISE CABLE

AWG	30-7/38 SILVER PLATED COPPER
TEMP	200 DEG C WIRE RATED
WITHSTANDING VOLTAGE	2000 VAC
CONDUCTOR INSULATION	EXTRUDED PTFE, NATURAL, Ø.033 ±.002
CAPACITANCE (SHIELD TO CONDUCTOR)	32 pF/FT
LOW NOISE WRAP #1 & #2	CARBON TAPE
IMPEDANCE	50 OHMS
INDUCTANCE	.80 microH/FT
SHIELD	38 AWG SILVER PLATED COPPER BRAID, 95% MIN COVERAGE, Ø.054 NOM
RESISTANCE	.20 OHM
JACKET	WHT PTFE WRAP .005-.010 WALL
DIAMETER	Ø.074±.006
MINIUM BEND RADIUS	1 IN

- 4** OPERATING TEMPERATURE -55°C TO +200°C (-67°F TO +392°F)
 - 3** OPERATING TEMPERATURE -55°C TO +110°C (-67°F TO +230°F)
 - 2** SEE CABLE SPECIFICATION TABLE
 - 1** MODEL NUMBER 6011AXX, XX DENOTES 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.
 COUNTERSINK INTERNAL THDS 90° TO MAJOR DIA.
 CHAM EXT THDS 45° TO MINOR DIA.
 THD LENGTHS AND DEPTHS ARE FOR MIN FULL THDS.
 THDS PER MIL-S-7742.
 DIMENSIONS APPLY AFTER FINISHING.

ALL MACHINED SURFACES. TOTAL RUNOUT WITHIN .005. BREAK SHARP EDGES .005 TO .010. MACHINED FILLET RADII .005 TO .015. WELDING SYMBOLS PER AWS A2.4. ABBREVIATIONS PER MIL-STD-12.

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS
 TOLERANCES ARE:
 INCHES METRIC ANGLES
 .XX ± .03 .X ± 0.8 ± 1°
 .XXX ± .010 .XX ± 0.25

MATERIAL

FINISH

DO NOT SCALE DRAWING

CONTRACT NO.		
APPROVALS		DATE
ORIG	RA	07/18/02
CHK	MPH	07/18/02
APP	CES	07/18/02
APP	DV	01/04/13

DYTRAN INSTRUMENTS, INC. MASTER ONLY IF IN RED
 Chatsworth, CA

TITLE: **OUTLINE/INSTALLATION DRAWING, CABLE, 10-32 TO BNC PLUG, MODEL 6011A, RoHS COMPLIANT**

SIZE	CAGE CODE	DWG. NO.	REV
A	2W033	127-6011A	E

SCALE: NONE SOLIDWORKS SHEET 1 OF 1