

PROPRIETARY AND CONFIDENTIAL

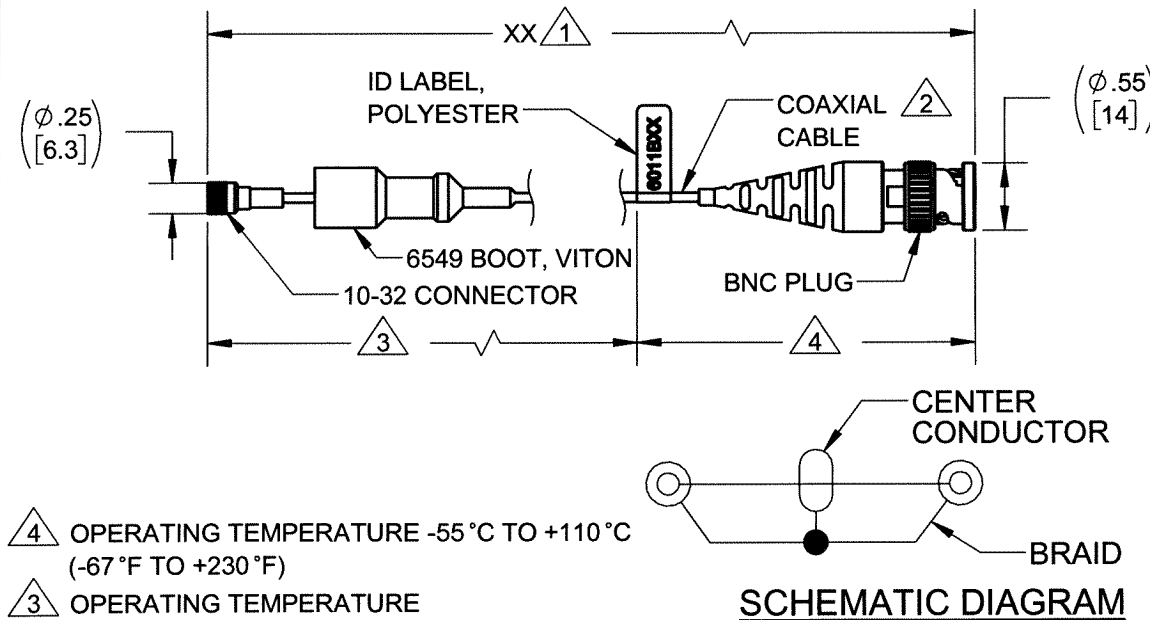
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REVISIONS

REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
B	15515	REDRAWN IN SOLIDWORKS WITH CHANGES	RA, 01/16/20	RA	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%



4 OPERATING TEMPERATURE -55 °C TO +110 °C (-67 °F TO +230 °F)

3 OPERATING TEMPERATURE -26 °C TO +100 °C (-13 °F TO +392 °F)

2 SEE CABLE SPECIFICATION TABLE

1 MODEL NUMBER 6011BXX, XX DENOTES LENGTH IN FEET

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, $\phi .033 \pm .002$
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, $\phi .054$ NOM
RESISTANCE	.20 OHM
JACKET	WHT PTFE WRAP .005-.010 WALL
DIAMETER	$\phi .074 \pm .006$
MINIMUM BEND RADIUS	1 IN

SCHMATIC DIAGRAM

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.

INCHES	METRIC	ANGLES
.XX ± .03	.X ± 0.8	± 1°
.XXX ± .010	.XX ± 0.25	

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS TOLERANCES ARE:

MATERIAL

FINISH

DO NOT SCALE DRAWING

APPROVALS		DATE
ORIG	RA	01/15/20
CHK	NC	06/03/03
APP	NC	06/03/03
APP		

DYTRAN INSTRUMENTS, INC. Chatsworth, CA

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TITLE: **OUTLINE/INSTALLATION DWG, CABLE, 10-32 TO BNC PLUG, W/BOOT, MODEL 6011B**

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

SCALE: NONE SOLIDWORKS SHEET 1 OF 1