

PROPRIETARY AND CONFIDENTIAL

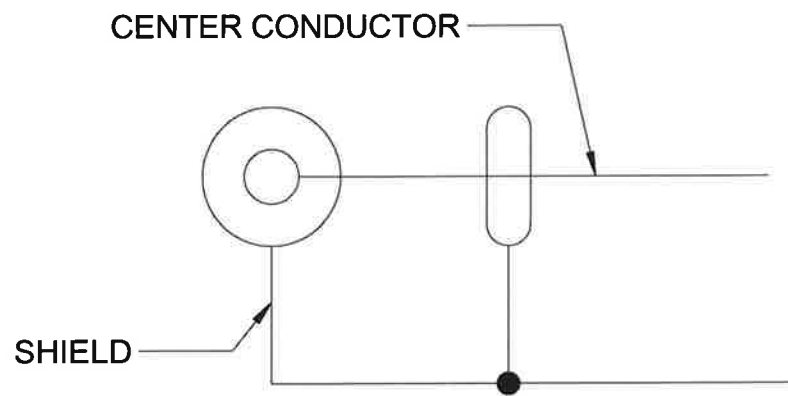
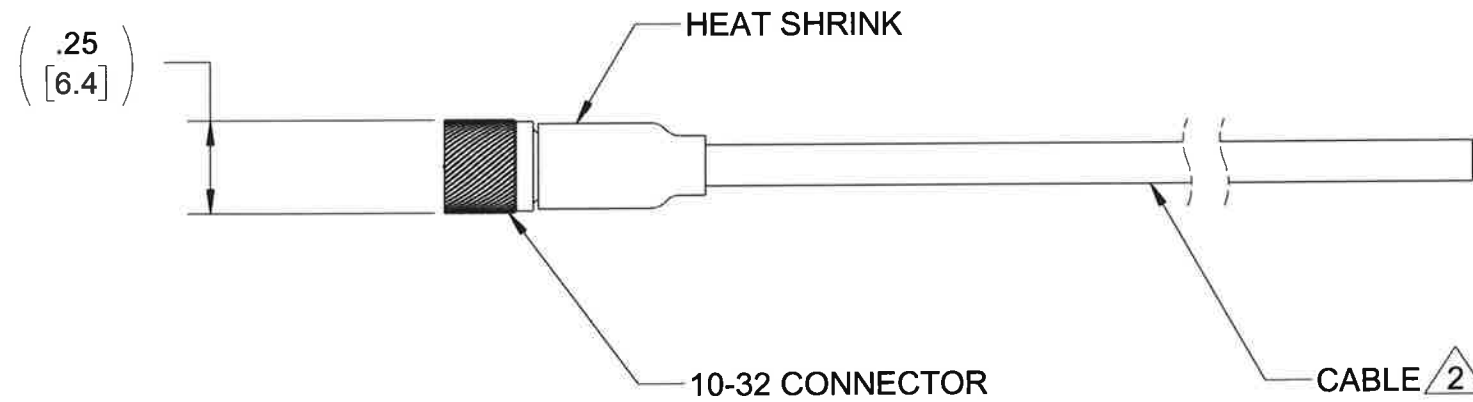
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REVISIONS

REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
B	12764	REDRAWN ON SOLIDWORKS	LA 06/20/16	<i>[Signature]</i>	AS

1 CABLE LENGTH TOLERANCE

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



SCHEMATIC

2 RG174AU COAX CABLE	
INNER CONDUCTOR	26 AWG 7/34 BARE COPPER CLAD STEEL (COPPER WELD)
DIELECTRIC MATERIAL	EXTRUDED POLYOLEFIN
SHIELD	BRAIDED TINNED COPPER, 38 AWG, 4 ENDS, 85% MIN COVERAGE
JACKET	EXTRUDED PVC (NON-CONTAMINATING), COLOR BLK
DIAMETER	.110 ± .005
TEMPERATURE RATING	-40 °C TO 85 °C
NOMINAL IMPEDANCE (OHMS)	50 ± 2
MAX CONDUCTOR RESISTANCE (OHMS)	9.67 / 100FT

- 2 SEE CABLE SPECIFICATION TABLE.
- 1 MODEL NUMBER: 6412AXX. "XX" DENOTES CABLE LENGTH IN FEET. SEE TABLE FOR CABLE LENGTH TOLERANCE.

NOTES: UNLESS OTHERWISE SPECIFIED

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. 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:

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

APPROVALS		DATE
ORIG	AB	4/15/13
CHK	RA	4/16/13
APP	DV	4/22/13

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION USA

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

TITLE: **OUTLINE/INSTALLATION DRAWING, 10-32 TO CUTOFF, MODEL 6412A**

SIZE	CAGE CODE	DWG NO	REV
B	2W033	127-6412A	B

SCALE: 2:1 SHEET 1 OF 1