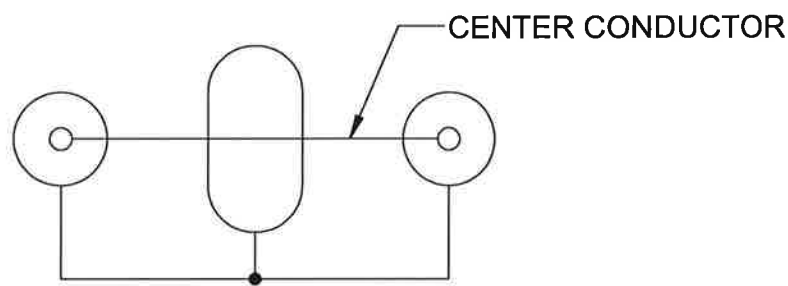
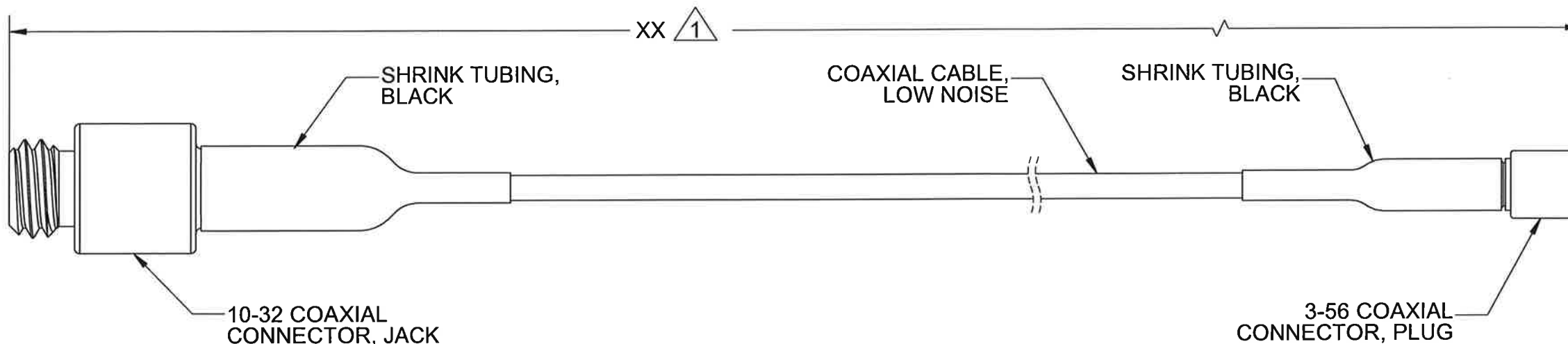


PROPRIETARY AND CONFIDENTIAL

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REVISIONS

REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
M	10996	UPDATED CABLE. CONVERTED TO SOLIDWORKS	EC 05/16/14	EM	DV
N	11237	DELETED DYTRAN LABEL MARKING	EM 08/25/14	MH	<i>[Signature]</i>



SCHMATIC DIAGRAM

1 CABLE LENGTH TOLERANCE			
ENGLISH		METRIC	
≤1FT	+1/ -0 IN	≤0.3m	+25mm/-0mm
>1 FT - 5 FT	+2/ -0 IN	>0.3m-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%

2 CABLE SPECIFICATIONS	
CABLE DIAMETER	.048" [1.22mm] MAX
INNER CONDUCTOR	34AWG STRANDED SILVER PLATED COPPER ALLOY
RESISTANCE	98 OHMS
DIELECTRIC	EXTRUDED PTFE WITH GRAPHITE LAYER DIAMETER: .021" (0.53 mm) NOM
OUTER CONDUCTOR	SILVER PLATED COPPER BRAIDED SHIELD .002 IN 90% COVERAGE
OUTER JACKET	WRAPPED AND SINTERED PTFE, COLOR BLACK
COATING	TETRA ETCH COATING
TEMPERATURE	-130°F (-90°C) TO +392°F (+200°C)
IMPEDANCE	50 OHMS
CAPACITANCE	2.5 pF/in
APPROX. WEIGHT	0.031 g/in

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.

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: ORIG EC 05/16/14, CHK EM 06/25/14, APP *[Signature]* 9/18/14

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.

DO NOT SCALE DRAWING

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

TITLE: **OUTLINE/INSTALLATION DRAWING, MODEL 6003A**

SIZE B	CAGE CODE 2W033	DWG NO 127-6003A	REV N
SCALE: 2:1		SHEET 1 OF 1	

NOTES: UNLESS OTHERWISE SPECIFIED

- 2 SEE TABLE FOR CABLE SPECIFICATIONS
- 1 PART NUMBER 6003AXX (XX DENOTES LENGTH IN FEET)