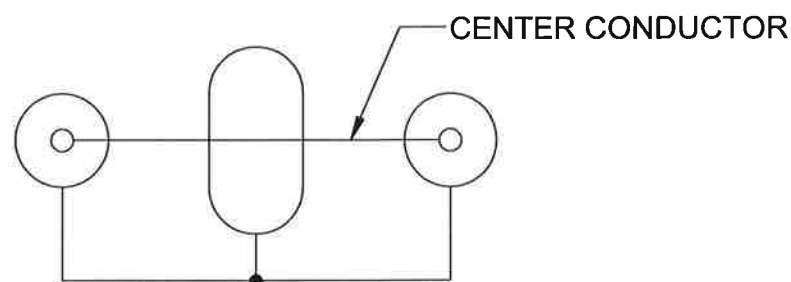
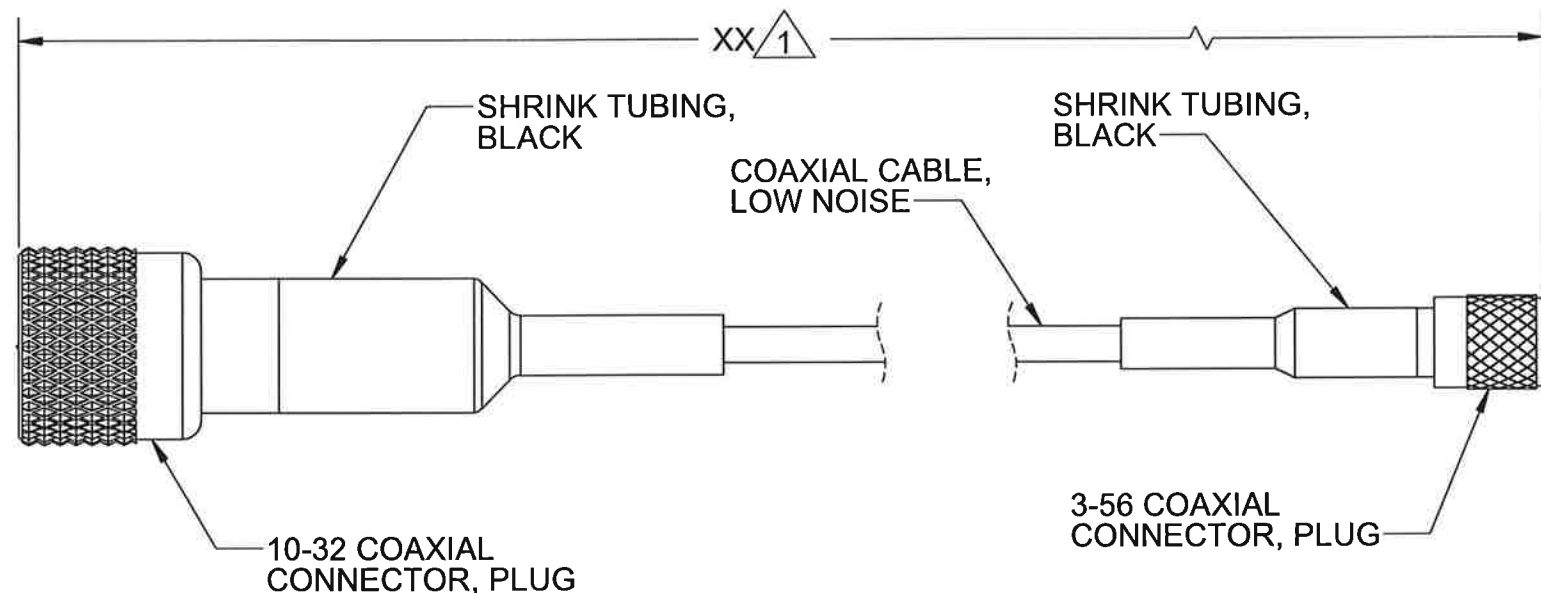


PROPRIETARY AND CONFIDENTIAL

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REVISIONS

REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	12659	INITIAL RELEASE	RA, 05/03/16	AS	LN



SCHEMATIC 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 +/- .004 [1.22 +/-0.10 mm]
INNER CONDUCTOR	34AWG STRANDED SILVER PLATED COPPER ALLOY
RESISTANCE	98 OHMS/ 328 FT. @ 68 °F
DIELECTRIC	EXTRUDED PTFE WITH GRAPHITE LAYER DIAMETER: .020" [0.52 mm] NOM
OUTER CONDUCTOR	SILVER PLATED COPPER BRAIDED SHIELD. STRAND DIAMETER: .002 NOM. COVERAGE: 90% NOM.
OUTER JACKET	WRAPPED AND SINTERED PTFE, COLOR ORANGE
COATING	TETRA ETCH COATING
TEMPERATURE	-130°F (-90°C) TO +392°F (+200°C)
IMPEDANCE	50 OHMS
CAPACITANCE	2.5 pF/IN. [97 pF/m]
APPROX. WEIGHT	.042 OZ./ FT.

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

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.

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

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

APPROVALS: ORIG RA, DATE 05/03/16, CHK AS, DATE 5/12/16, APP LN, DATE 5/12/16

ALL MACHINED SURFACES: 63/ 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

THIRD ANGLE PROJECTION USA

DYTRAN INSTRUMENTS, INC. Chatsworth, CA

MASTER ONLY IF IN RED

TITLE: OUTLINE/INSTALLATION DRAWING, MODEL 6003B

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