

PROPRIETARY AND CONFIDENTIAL

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7 1 CABLE LENGTH TOLERANCE

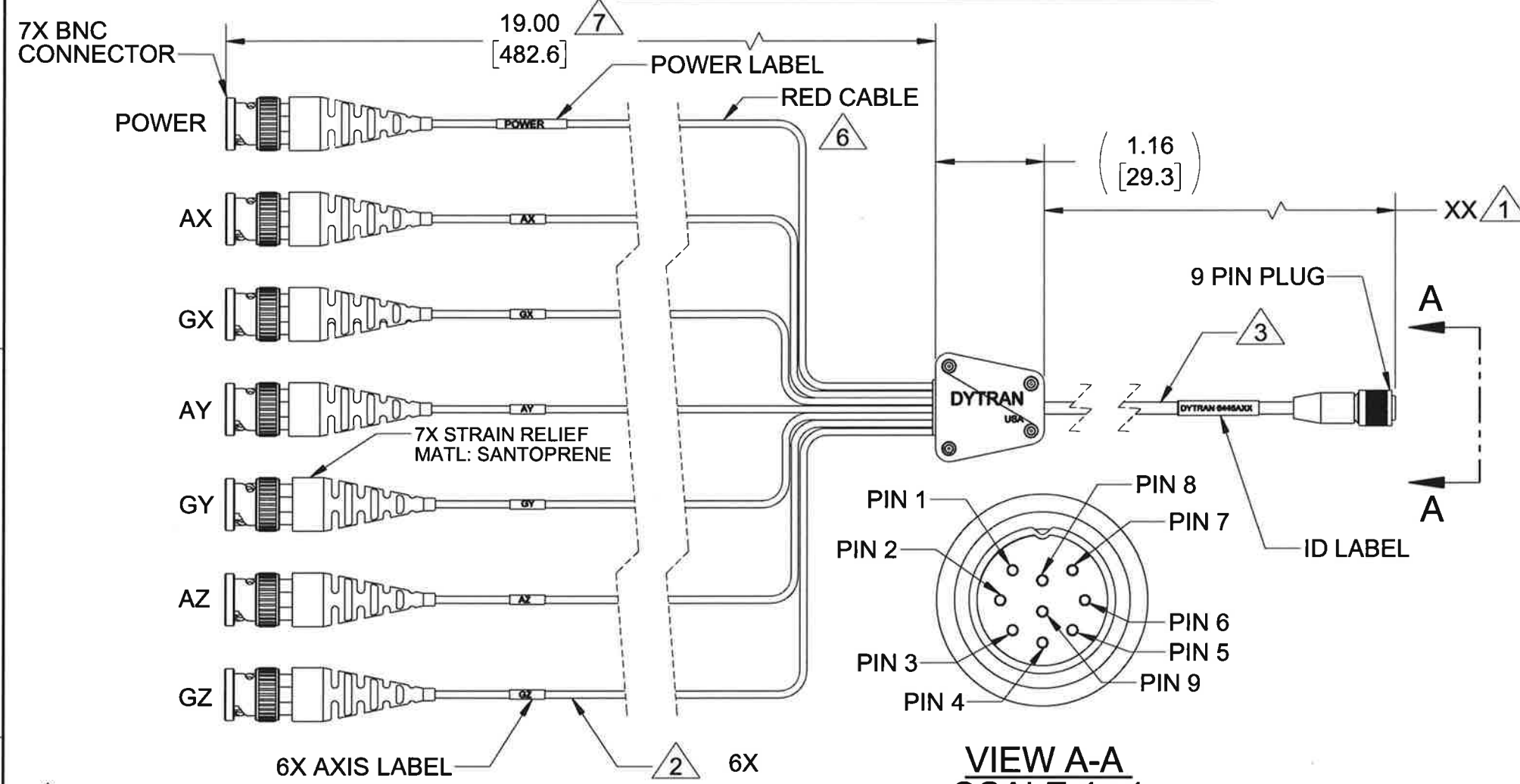
ENGLISH		[METRIC]	
≤1 FT	+1/ -0 IN	≤0.3m	+25mm -0mm
>1 FT - 5 FT	+2/ -0 IN	.0.3 m-1.5m	+50mm -0mm
> 5 FT - 10 FT	+4/ -0 IN	>1.5m-3m	+100mm -0mm
>10 FT - 25FT	+6 / -0 IN	>3m-7.5m	+150mm -0mm
>25 FT	+5% / -0%	>7.5m	+5%/-0%

6 SINGLE CONDUCTOR SHIELDED LOW NOISE CABLE	
AWG	30-7/38 SILVER PLATE
TEMP	200 DEG C WIRE RATED
DIAMETER	Ø.073 NOM.
JACKET	RED PTFE WRAP .005-.010 WALL
VOLTAGE	600 VOLTS
SHIELD	38 AWG SILVER PLATED COPPER BRAID, 85% MIN COVERAGE, Ø.050 NOM
CONDUCTOR INSULATION	EXTRUDED PTFE, CLEAR, Ø.032 NOM.
LOW NOISE WRAP #1 & #2	CARBON TAPE
MIN BEND RADIUS	1.00 INCH

REVISIONS					
REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
B	13929	ADDED FLAG NOTE 7: "SEE TABLE FOR LENGTH TOLERANCE"	DP 01/03/18	RA	LN
C	14022	SHT 1, ZONE B4 & C4: LABELS: GX, AY, AZ, WAS: AZ, GX, AY	DP 02/06/18	RA	LN

3 8 CONDUCTOR CABLE	
WIRE TYPE	EXTRUDED FEP INSULATION .006 WALL THICKNESS
TEMPERATURE	200°C
VOLTAGE	600 VOLTS
WIRE DIAMETER	.032 NOMINAL
SHIELD	38 AWG SILVER PLATED COPPER BRAIDED 95% COVERAGE 7E-16C36F/30B
JACKET	EXTRUDED WHITE FEP .010 WALL THICKNESS
CABLE DIA.	.135 MAX
SINGLE CONDUCTOR AWG	26-7/34 TIN PLATED COPPER

2 SINGLE CONDUCTOR SHIELDED CABLE	
AWG	30-7/38 SILVER PLATED COPPER
TEMP	200 ° C
DIAMETER	Ø.074±.006
WITHSTANDING VOLTAGE	2000 VAC
JACKET	WHT PTFE WRAP .005-.010 WALL
CONDUCTOR INSULATION	EXTRUDED PTFE, NATURAL, Ø.033 ±.002
CAPACITANCE (SHIELD TO CONDUCTOR)	32 pF/FT
IMPEDANCE	50 OHMS
INDUCTANCE	.80 microH/FT
SHIELD	38 AWG SILVER PLATED COPPER BRAID, 95% MIN COVERAGE, Ø.054 NOM
MINIMUM BEND RADIUS	38 IN



VIEW A-A SCALE 4:1

- 7 SEE TABLE FOR LENGTH TOLERANCE
- 6 SEE TABLE FOR CABLE SPECIFICATIONS
- 5. SEE SHEET 2 FOR SCHEMATIC
- 4. OPERATING TEMPERATURE : -67 °F TO 248 °F [-55 °C TO 120 °C]
- 3 SEE TABLE FOR CABLE SPECIFICATIONS
- 2 SEE TABLE FOR SPECIFICATIONS
- 1 PART NUMBER 6445AXX. "XX" DENOTES LENGTH IN FEET. SEE TABLE FOR 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.

APPROVALS		DATE
ORIG	JS	05/01/15
CHK	EM	09/15/15
APP	DV	09/22/15

DO NOT SCALE DRAWING

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	

DYTRAN INSTRUMENTS, INC. Chatsworth, CA

MASTER ONLY IF IN RED

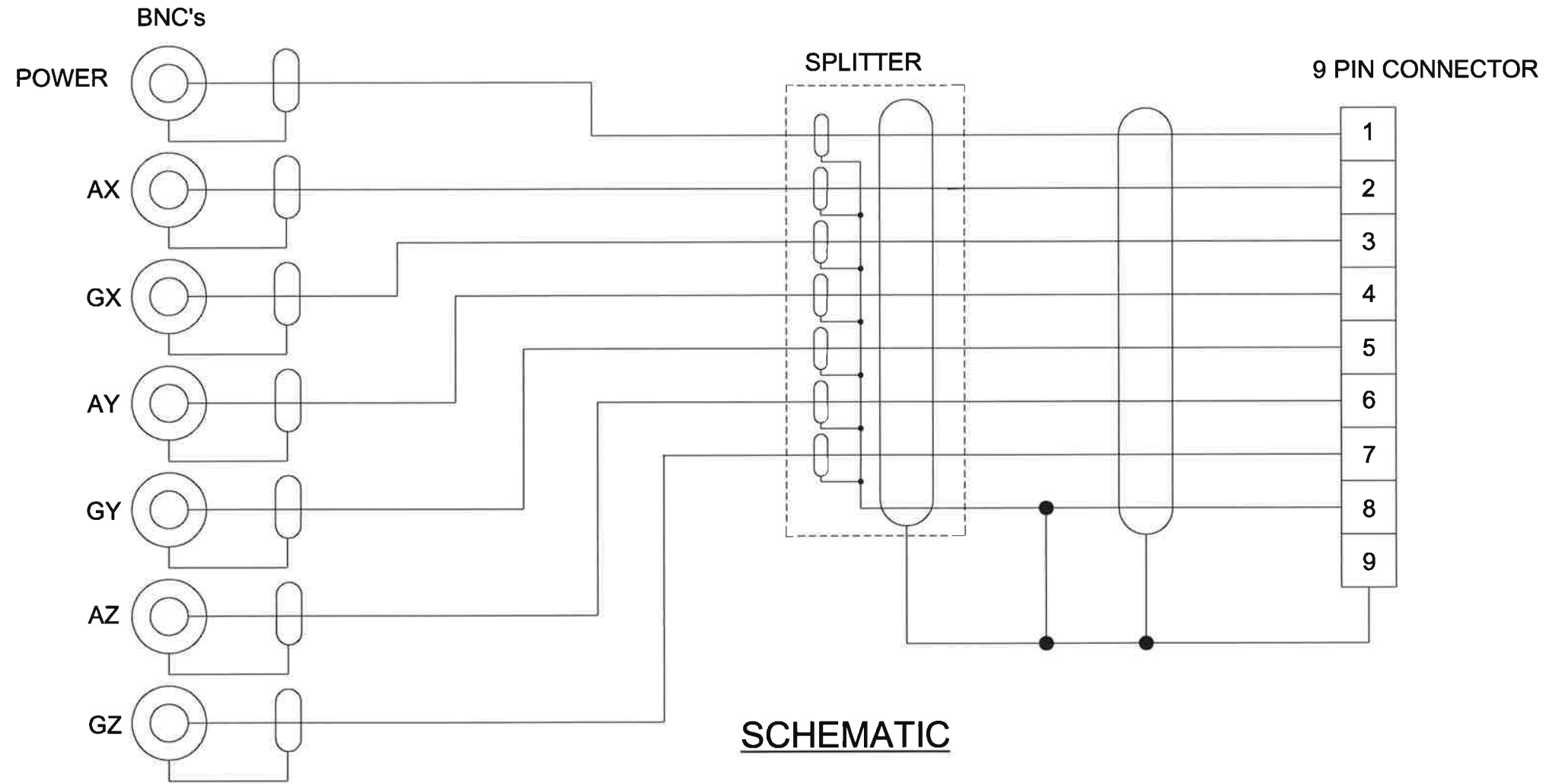
TITLE: **OUTLINE/INSTALLATION DRAWING, CABLE ASSY, 9 PIN PLUG TO 7 BNC'S, 6445A**

SIZE B	CAGE CODE 2W033	DWG NO 127-6445A	REV C
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SCALE: 1:4 SHEET 1 OF 2

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SIZE B	CAGE CODE 2W033	DWG NO 127-6445A	REV C
SCALE: 1:4		SHEET 2 OF 2	