

PROPRIETARY AND CONFIDENTIAL

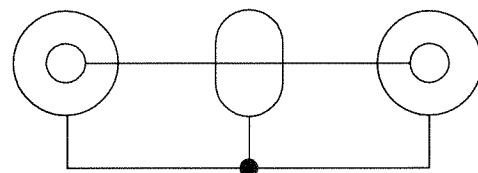
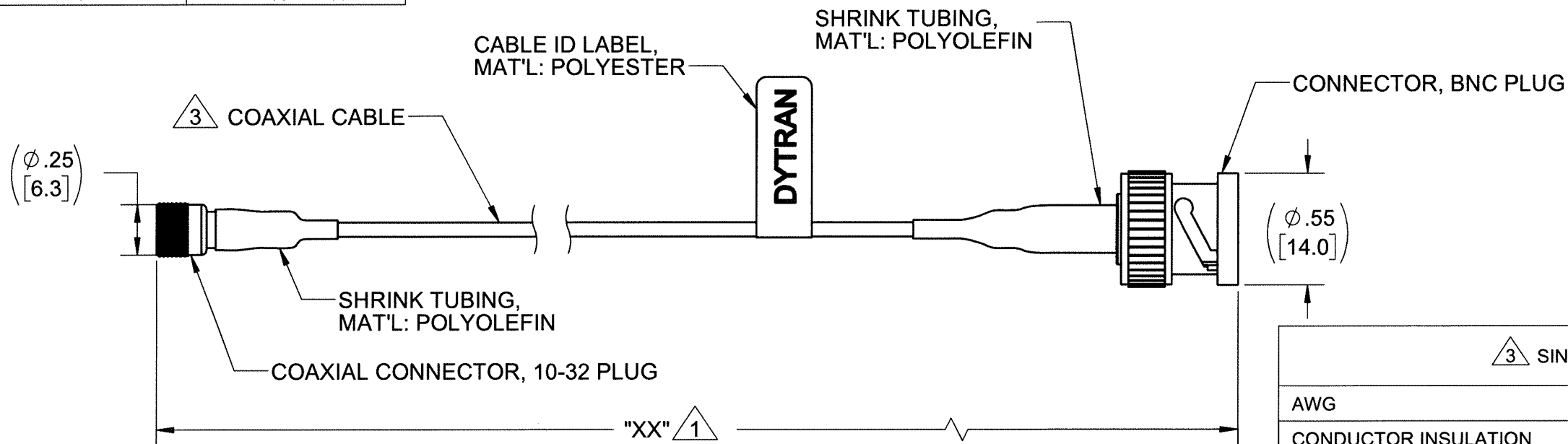
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REVISIONS

REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
D	11076	SHRINK TUBING WAS: STRAIN RELIEF	LN 06/12/14	MH	DV
E	11707	UPDATED VIEW OF SHRINK TUBING ON BNC CONNECTOR	RA 01/29/15	MH	LN
F	14852	UPDATED FORMAT. ADDED NOTES 1 THRU 3. ADDED SCHEMATIC DIAGRAM.	KG 02/06/19	AP	LN

1 CABLE LENGTH TOLERANCE

≤1FT	+1/ -0 IN
>1 FT - 5 FT	+2/ -0 IN
> 5 FT - 10 FT	+4/ -0 IN
>10 FT - 25FT	+6 / -0 IN
>25 FT	+5% / -0%



SCHEMATIC DIAGRAM

3 SINGLE CONDUCTOR SHIELDED CABLE

AWG	30 AWG 41/46 SILVER PLATED COPPER
CONDUCTOR INSULATION	.0115" WALL, PFA, CLEAR, Ø.035 ±.003
SHIELD	16-5-44 AWG SILVER PLATED COPPER BRAID, 90% MIN COVERAGE
JACKET	WHT SILICONE RUBBER WRAP .015 WALL
DIAMETER	Ø.074±.003
TEMPERATURE	200 DEG C WIRE RATED
WITHSTANDING VOLTAGE	2000 VAC
CAPACITANCE (SHIELD TO CONDUCTOR)	29.5 pF/FT NOM
IMPEDANCE	50 +/-5 OHMS
INDUCTANCE	.07 mH/FT NOM
RESISTANCE	.1138 MAX OHMS PER FOOT
VOP	69% NOM
TIME DELAY	1.46 ns/FT
MINIMUM BEND RADIUS	1 IN

3 SEE TABLE FOR CABLE SPECIFICATIONS.

2. OPERATING TEMPERATURE: -26 °C TO +110 °C (-15 °F TO +230 °F).

1 PART NUMBER 6066AXX (XX DENOTES LENGTH IN FEET). SEE TABLE FOR CABLE 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 NC 07/31/02

CHK MH 07/31/02

APP CES 06/23/06

DO NOT SCALE DRAWING



TITLE: OUTLINE/INSTALLATION DRAWING, CABLE, 10-32 TO BNC PLUG, MODEL 6066A

SIZE B CAGE CODE 2W033 DWG NO 127-6066A REV F

SCALE: 3:2 SHEET 1 OF 1