

REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL CREATION OF DRAWING. RELEASE PER DCF 11616.	02/01/18	G. STALEY

- Jacket:
- HDPE (High Density Polyethylene)
 - UV Resistant
 - OD .270" +.010" -.000"
 - Wall Thickness .035" Minimum
 - Must be Round; Minimal Lumps
 - Color: Jet Black
 - Print on Jacket Once Per Ft (.08 Font, All Caps, White): "INW P/N 6E542, 7A23542 (FT), 7A23642 (M)"

- Braided Shield:
- 36 AWG, Sn Plated Cu Woven Braid
 - Nominal 70% Coverage

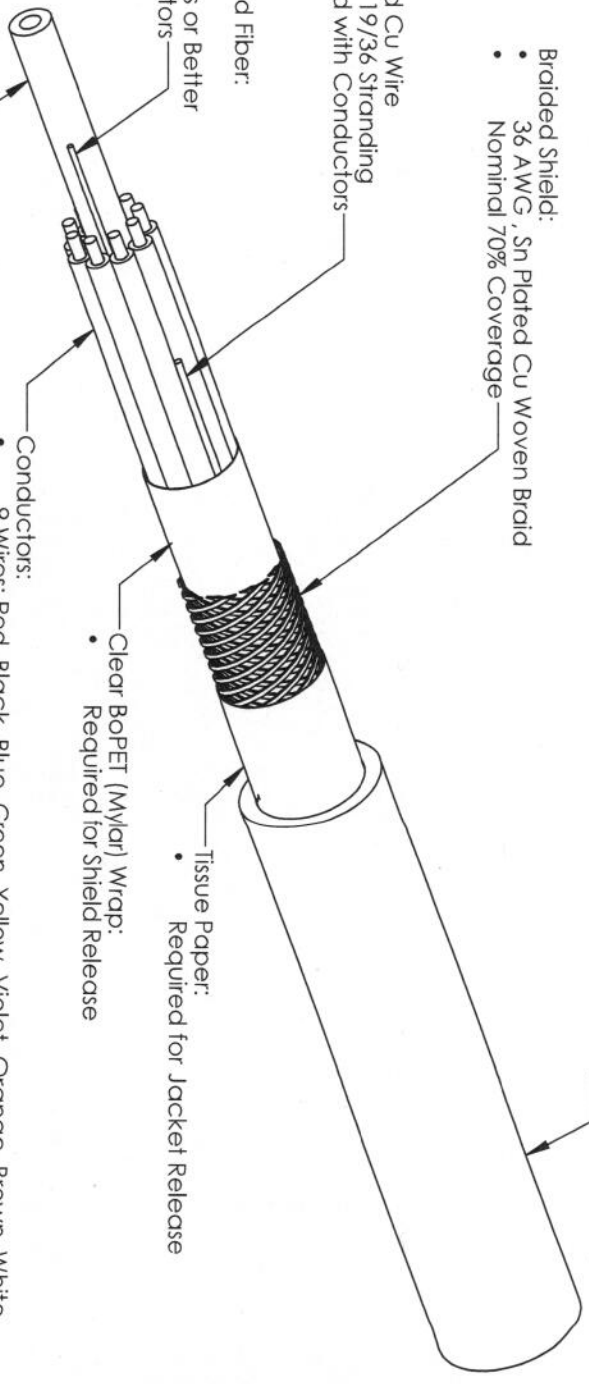
- Drain Wire:
- Sn Plated Cu Wire
 - 24AWG, 19/36 Stranding
 - Wrapped with Conductors

- Para-Aramid (Kevlar) Stranded Fiber:
- Nominal .024" OD
 - Break Strength of 130lbs or Better
 - Wrapped with Conductors

- Vent Tube:
- High Density Polyethylene Tubing
 - .080" OD x .040" ID (Both ±.005")
 - Natural Coloring
 - Internal Passage Must Remain Unblocked

- Conductors:
- 9 Wires: Red, Black, Blue, Green, Yellow, Violet, Orange, Brown, White
 - LR-5900-000 High Density Polyethylene Insulation
 - Sn Plated Cu Conductors
 - 24AWG, 19/36 Stranding
 - .010" Wall, Nom. OD 0.045"

- Clear BOPET (Mylar) Wrap: Required for Shield Release
- Tissue Paper: Required for Jacket Release



- Notes
- All New Vendors Must Supply ≥10ft Sample for Approval

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
TOLERANCES:			
ANGULAR: ± .5°			
X ± .03			
XX ± .01			
XXX ± .005			
XXXX ± .001			
BREAK SHARP EDGES			
DO NOT SCALE DRAWING			

NAME	DATE	TITLE:
DRAWN G Staley	02/01/17	Cable, HDPE, 9 Cond, Braid, Kevlar, V
MECH. ENG. G Staley	02/01/17	
ELEC. ENG. L Margulies	02/01/17	
MFG. ENG. G Strom	02/01/17	
Q.A. P Carlson	02/01/17	

SIZE	DWG. NO.	REV
A	6E542	A