

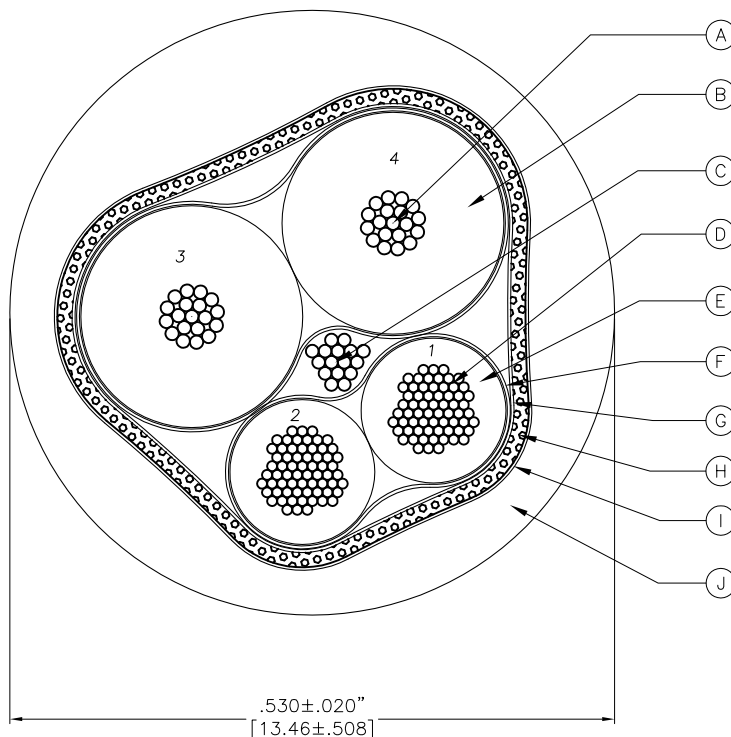
SPECIFICATIONS

- A 18 AWG 19x.0092" UNILAY TINNED COPPER
 - B XLPE INSULATION
 - C 18 AWG TINNED COPPER DRAIN WIRE
 - D 16 AWG 65x34 BUNCHED TINNED COPPER
 - E XLPE INSULATION
 - F FOIL SHIELD (AROUND EACH PAIR) (FOIL OUT)
FILLER AS NEEDED
 - G ALUMINUM FOIL SHIELD (DUO FOIL)
 - H 34 AWG TINNED COPPER BRAIDED SHIELD (88-94% COVERAGE)
BRAID ANGLE 30-60°
 - I PAPER SEPARATOR
 - J PRESSURED EX60 JACKET
JACKET TYPE ST2 PER IEC 60092-360:2014
JACKET COLOR: BLACK
- CABLE IS RoHS COMPLIANT, CE
CABLE IS ABS CERTIFIED
CABLE IS COMPLIANT WITH IEC 60332-3-22

CONDUCTOR COLORS

- PAIR [1 = BLACK
- 2 = RED
- PAIR [3 = BLUE
- 4 = WHITE

TYPE 5728



ELECTRICAL REQUIREMENTS

POWER PAIR (16 AWG)

DC RES. ONE COND @ 20C: 4.1 Ohms/1000' MAX

DATA PAIR (18 AWG)

CHARACTERISTIC IMPEDANCE: 120 Ohms ± 10%
 NOM. CAPACITANCE (COND TO COND): 13 pF/Ft
 PROPAGATION DELAY: 1.6 nSec/Ft (Nom.)
 CAPACITANCE UNBALANCE: 1200 pF/1000' (MAX)
 GROUNDED CAPACITANCE: 24 pF/Ft (Nom.)
 DC RES. ONE COND @20°C: 7.06 Ohms/1000' (Nom.)

NOTES:

1. WHITE INK

101552010 extremelife™-60 16 AWG/1STP 18 AWG/1STP (UL) 1309
 MARINE SHIPBOARD UL# (I/S-OBS) C16X18X90TPT-2 90C 600V (YEAR OF MFG)
 IEEE 1202/FT4 ----- ALSO CLASSIFIED IN ACCORDANCE WITH IEEE 1580-2010 OR
 TC-ER DIR BUR 90C DRY/WET 600V SUN RES OIL RES I & II -40C OR ITC-ER DIR
 BUR 105C OR PLTC-ER DIR BUR 105C -60C OR C(UL) CIC/TC DIR BUR XLPE 90C
 DRY/WET 600V SHIELDED FT1 FT4 SUN RES -40C IEC 60332-3-22 -60C
 COLD BEND -40C COLD IMPACT CE SUPPLIER LOT CODE (WHEN
 APPLICABLE) MFG DATE CODE (EXAMPLE 01108(DAY & YEAR))

2. c(UL) IS ACCEPTABLE IN PLACE OF ANY/ALL CSA MARKINGS.

MECHANICAL REQUIREMENTS

STATIC: 5x CABLE O.D.
 FLEX SHIELDED: 15x CABLE O.D.

NOTE: CONDUCTOR ROTATION MAY BE INVERTED FROM VIEW SHOWN SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS 1. 2. 3. 4.		3RD ANGLE PROJECTION 	THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.	DRFT RDS DATE 02/11/13 APVD J.H. SCALE NONE	3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us
MATERIAL SEE SPECIFICATIONS		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	DESCRIPTION CAB, 13.46, BLK, EX60, 1SPX16+1SPX18, TCER, DN		IDENTIFICATION NO. 101552010 (SOURCE)
FINISH SEE SPECIFICATIONS			UNIT OF MEASUREMENT INCH [MILLIMETER]		
J UPDATE LEGEND AND COMPLIANCE RDS 08/29/17 62019		DO NOT SCALE THIS DRAWING		FILE: 101552010 SHEET 1 OF 1	
REV DESCRIPTION	BY DATE ECO NO.				