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REVISION					
ZONE	REV.	DESCRIPTION	DATE	CHANGED BY	APPROVED BY
	A	INITIAL RELEASE	01/18/2023	DMAY	DGUTTADAURO

1. CONSTRUCTION:
- CONDUCTOR: 18 AWG 7/.0152 STRANDED BARE COPPER
 INSULATION: POLYVINYLCHLORIDE, .016" NOM. WALL THICKNESS
 PAIR: (2) INSULATED COLOR CODED SINGLES TWISTED TOGETHER TO FORM A PAIR.
 PAIR SHIELD: AN ALUMINIZED POLYESTER FOIL SHIELD (FOIL IN, 100% COVERAGE) SHALL BE APPLIED OVER EACH PAIR AND SHALL CONTAIN A 20 AWG 7/28 STRANDED TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE FOR EASY TERMINATION.
- COMMUNICATION WIRE:
 CONDUCTOR: 22 AWG 7/30 STRANDED TINNED COPPER
 INSULATION: POLYVINYLCHLORIDE, ORANGE, .016" NOM. WALL THICKNESS
 CABLE: (2) SHIELDED PAIRS AND (1) COMMUNICATION WIRE TWISTED TOGETHER TO FORM A CABLE CORE.
 SHIELD: AN OVERALL ALUMINIZED POLYESTER FOIL SHIELD (FOIL OUT, 100% COVERAGE) SHALL BE APPLIED OVER THE CABLE CORE AND INCLUDE A 20 AWG 7/28 STRANDED TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE FOR EASY TERMINATION.
- JACKET: POLYVINYLCHLORIDE, BLACK, .042" NOM. WALL THICKNESS.

NOM. DIA.
 .046"
 .078"
 .156"
 .161"
 .030"
 .062"
 .279"
 .281"
 .312"
 (BY PI TAPE)

2. PHYSICAL PROPERTIES:
- TEMPERATURE RATING, MAX 80°C & 105°C
 TEMPERATURE RATING, MIN. -40°C
 WT./M', NOM., NET. 70.0 LBS
 JACKET IS SUNLIGHT RESISTANT

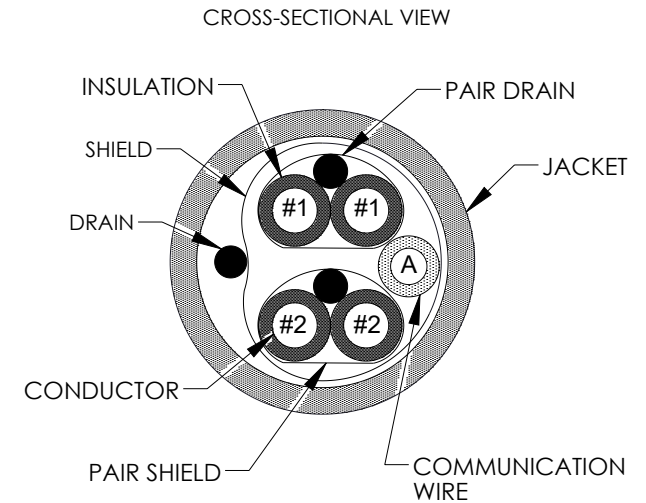
3. ELECTRICAL CHARACTERISTICS:
- CAPACITANCE, MUTUAL, NOM. 33 PF/FT.
 CAPACITANCE, GROUNDED, NOM. 62 PF/FT.
 DIELECTRIC WITHSTANDING, MIN. 2000V RMS
 VOLTAGE RATING, MAX. 300V
 D.C. RESISTANCE, MAX. 6.64 Ω/1000'

4. AGENCY APPROVALS:
- NEC (UL) TYPE PLTC
 NEC (UL) TYPE ITC
 NEC (UL) TYPE CM
 CEC C(UL) TYPE CM
 UL AWM STYLE 2464

5. APPLICATION:
- PROCESS SYSTEM INTERCONNECT. POWER LIMITED TRAY CABLE, INSTRUMENTATION TRAY CABLE.
 CLASS 3 CIRCUITS. RoHS COMPLIANT MATERIALS.

6. PRINT: (WHITE INK)
 QUABBIN P/N 0332 (UL) TYPE PLTC OR ITC 18 AWG SHIELDED 105C
 SUN RES OR C(UL)US TYPE CM OR AWM 2464 -- ROHS -- (LOT DESIGNATOR)

7. COLOR CODE:
- EACH PAIR: BLACK X WHITE
 PAIRS NUMBERED #1 TO #2
 WHITE INK ON BLACK CONDUCTORS
 BLACK INK ON ALL OTHER CONDUCTORS
 A. ORANGE



REGULATORY COMPLIANCE:
 EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm] OVERALL CABLE LENGTH TOLERANCE: ≤12 [305] = +1 [25] / -0 >12 [305] ≤60 [1524] = +2 [51] / -0 >60 [1524] ≤120 [3048] = +4 [102] / -0 >120 [3048] ≤300 [7620] = +6 [152] / -0 >300 [7620] = +5% / -0 ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5] FRACTIONS ± 1/32 .XX = ± .02 [.5] ANGLES ± 1° .XXX = ± .005 [.13]	APPROVALS	DATE			50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936
	DRAWN BY DMAY	01/18/2023	CATEGORY		
	CHECKED BY HBAKKE	01/18/2023	BULK CABLE		
	APPROVED BY DGUTTADAURO	01/18/2023	PRODUCT DESCRIPTION		
THIRD-ANGLE PROJECTION	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	SIZE A	CAGE CODE 43321	ITEM NO. PBPLTC-182PDS-1K	REV. A
	COLOR VARIATIONS MAY OCCUR	SCALE: NONE	CAD FILE: PBPLTC-182PDS-1K.SLDRW	SHEET 1 OF 1	