

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF L-COM, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF L-COM, INC. IS PROHIBITED.

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
 - CABLE: (2) INSULATED COLOR CODED SINGLES TWISTED TOGETHER TO FORM A CABLE CORE.
 - SHIELD: AN 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, .037" NOM. WALL THICKNESS.
- NOM. DIA.
 .046"
 .078"
 .156"
 .159"
 .233"
 (BY PI TAPE)

2. PHYSICAL PROPERTIES:
- TEMPERATURE RATING, MAX: 80°C & 105°C
 - TEMPERATURE RATING, MIN: -40°C
 - WT./M', NOM., NET: 31.7 LBS
 - JACKET IS UV RESISTANT

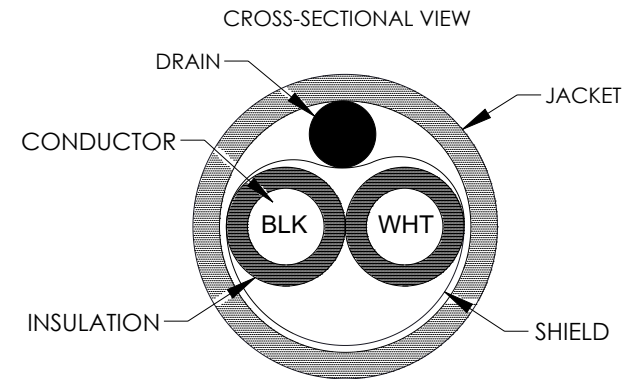
3. ELECTRICAL CHARACTERISTICS:
- CAPACITANCE, MUTUAL, NOM.: 33 PF/FT.
 - CAPACITANCE, GROUNDED, NOM.: 62 PF/FT.
 - DIELECTRIC WITHSTANDING, MIN.: 2000V RMS
 - VOLTAGE RATING, MAX.: 300V
 - D.C. RESISTANCE, MAX.: 6.64 Ω/1000'

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


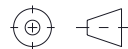
5. APPLICATION:
- PROCESS SYSTEM INTERCONNECT. POWER LIMITED TRAY CABLE, INSTRUMENTATION TRAY CABLE. CLASS 3 CIRCUITS. RoHS COMPLIANT MATERIALS.

6. PRINT: (WHITE INK)
- QUABBIN P/N 0328 (UL) TYPE PLTC OR ITC 18 AWG SHIELDED 105C SUN RES OR C(UL)US CM OR AWM 2464 - RoHS -- (LOT DESIGNATOR)

7. COLOR CODE:
- PAIR: BLACK X WHITE



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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm]	APPROVALS	DATE			50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936
	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	DRAWN BY DMAY	01/18/2023	CATEGORY BULK CABLE	
ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5] FRACTIONS ± 1/32 .XX = ± .02 [5] ANGLES ± 1° .XXX = ± .005 [1.3]	CHECKED BY HBAKKE	01/18/2023	PRODUCT DESCRIPTION PLTC ITC BULK 18AWG, 1 PAIR, SHIELDED, BLK, 1KF		
THIRD-ANGLE PROJECTION 	APPROVED BY DGUTTADAURO	01/18/2023	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	SIZE A	CAGE CODE 43321
	COLOR VARIATIONS MAY OCCUR			ITEM NO. PBPLTC-181PS-1K	REV. A
				SCALE: NONE	CAD FILE: PBPLTC-181PS-1K.SLDDRW
					SHEET 1 OF 1