

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: | 20 AWG 10/30 STRANDED BARE COPPER | NOM. DIA. | .037" |
| INSULATION: | POLYVINYLCHLORIDE, .013" NOM. WALL THICKNESS | | .063" |
| PAIR: | (2) INSULATED COLOR CODED SINGLES TWISTED TOGETHER TO FORM A PAIR. | | |
| CABLE: | (2) PAIRS TWISTED TOGETHER TO FORM A CABLE CORE. | | .126" |
| SHIELD: | AN OVERALL ALUMINIZED POLYESTER FOIL SHIELD (FOIL OUT, 100% COVERAGE) SHALL BE APPLIED OVER THE CABLE CORE AND INCLUDE A 22 AWG 7/30 STRANDED TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE FOR EASY TERMINATION. | | .187" |
| JACKET: | POLYVINYLCHLORIDE, BLACK, .037" NOM. WALL THICKNESS. | | .190" |
| | OVERALL CABLE DIAMETER | | .264"
(BY PI TAPE) |

2. PHYSICAL PROPERTIES:
- | | |
|------------------------------|--------------|
| TEMPERATURE RATING, MAX | 80°C & 105°C |
| TEMPERATURE RATING, MIN. | -40°C |
| WT./M', NOM., NET. | 36.3 LBS |
| JACKET IS SUNLIGHT RESISTANT | |

3. ELECTRICAL CHARACTERISTICS:
- | | |
|-------------------------------|--------------|
| CAPACITANCE, MUTUAL, NOM. | 25 PF/FT. |
| CAPACITANCE, GROUNDED, NOM. | 46 PF/FT. |
| DIELECTRIC WITHSTANDING, MIN. | 2000V RMS |
| VOLTAGE RATING, MAX. | 300V |
| D.C. RESISTANCE, MAX. | 10.5 Ω/1000' |

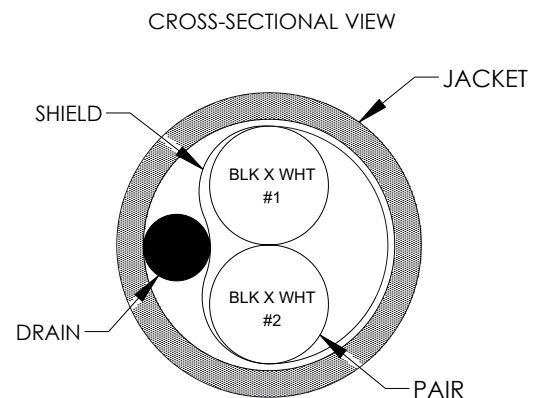
4. AGENCY APPROVALS:
- NEC (UL) TYPE PLTC
 - NEC (UL) TYPE ITC
 - NEC (UL) TYPE CM
 - CEC C(UL) TYPE CM
 - UL AWM STYLE 2464


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 0321 (UL) TYPE PLTC OR ITC 20 AWG SHIELDED 105C SUN RES OR C(UL)US 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

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 [1.3]	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-202PS-1K	REV. A
COLOR VARIATIONS MAY OCCUR		SCALE: NONE	CAD FILE: PBPLTC-202PS-1K.SLDDRW		SHEET 1 OF 1