

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
	A	INITIAL RELEASE	04/12/2023	HBAKKE	GUTTADAURO

1. CONSTRUCTION:

CONDUCTOR: 10 AWG TINNED COPPER
 INSULATION: POLYVINYLCHLORIDE, .020" NOM. WALL THICKNESS
 INNER JACKET: NYLON, .004" MIN THICKNESS
 SHIELD: NON-WOVEN, COVERAGE ≥25%
 JACKET: POLYVINYLCHLORIDE, BLACK, .045" NOM. WALL THICKNESS.
 OVERALL CABLE DIAMETER

NOM. DIA.
 .116"
 .169"
 .181"
 .472±.016"

2. PHYSICAL PROPERTIES:

TEMPERATURE RATING, MAX 90°C
 TEMPERATURE RATING, MIN. -40°C
 JACKET IS UV RESISTANT

3. ELECTRICAL CHARACTERISTICS:

DIELECTRIC STRENGTH (kv/1min) 2.0(AC)
 VOLTAGE RATING, MAX. 600V
 MAX COND D.C. RESISTANCE AT 20°C (Ω/km) ≤3.546

4. REFERENCE STANDARD:

UL1277 & UL1581 & UL83
 MEETS (UL) VW-1 FLAME TEST

5. MARKING IN WHITE:

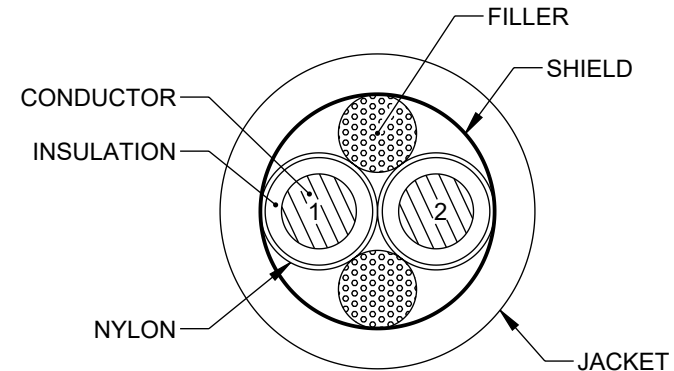
E497465 (UL) TYPE TC-ER THHN 2C 10AWG 90°C DRY/75°C WET
 600V SUN RES VW-1 -40°C JHOSIN

6. CONDUCTOR COLOR:

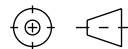
1. RED
2. BLACK

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)



CROSS-SECTIONAL VIEW

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 HBAKKE	04/12/2023	CATEGORY		
	CHECKED BY DMAY	04/12/2023	BULK CABLE		
	APPROVED BY DGUST	04/12/2023	PRODUCT DESCRIPTION Shielded Power Bulk Tray Cable, Exposed Run, 2 Conductor 10AWG 600V, TC-ER THHN THWN, UL86 UL1277 UL1581, 90C UV Res VW-1 PVC Black, 1KFT		
THIRD-ANGLE PROJECTION 	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	COLOR VARIATIONS MAY OCCUR	SIZE A	CAGE CODE 43321	ITEM NO. PBTC102S
			SCALE: NONE	CAD FILE: PBTC102S.SLDDRW	SHEET 1 OF 1