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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	04/18/2023	DZINN	GUTTADAURO

1. CONSTRUCTION:

CONDUCTOR: 10 AWG TINNED COPPER
INSULATION: POLYVINYLCHLORIDE, .020" NOM. WALL THICKNESS
INNER JACKET: NYLON, .004" MIN THICKNESS
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 (W/km) ≤3.546

4. REFERENCE STANDARD:

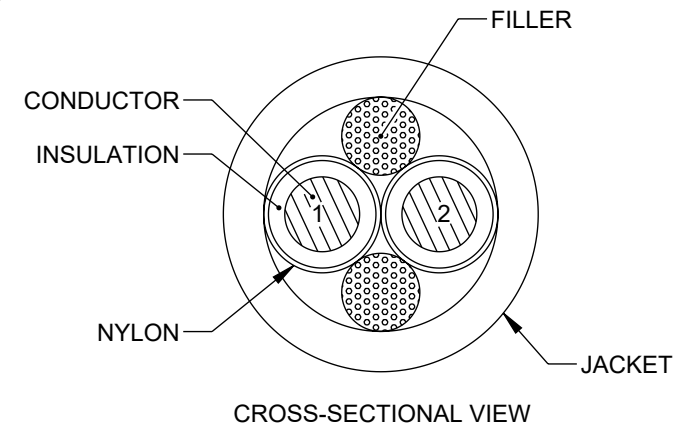
UL1277 & UL1581 & UL83
MEETS (UL) VW-1 FLAME TEST

5. MARKING IN WHITE:

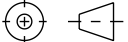
E497465 (UL) TYPE TC-ER THHN/THWN 2C 10AWG 90°C DRY/75°C WET
600V SUN RES VW-1 -40°C JHOSIN

6. CONDUCTOR COLOR:

1. RED
2. BLACK



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

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 .XX = ± .02 [.5] ± 1/32 .XXX = ± .005 [.13] ANGLES ± 1°	APPROVALS	DATE	L-com™ an INFINITI® brand 50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936			
	DRAWN BY DZINN	04/18/2023		CATEGORY		
	CHECKED BY HBAKKE	04/18/2023				
	APPROVED BY DGUST	04/18/2023				
THIRD-ANGLE PROJECTION 	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY		PRODUCT DESCRIPTION POWER BULK TRAY CABLE, ER, 10AWG, 2C, BLK, 600V, 1KFT			
	COLOR VARIATIONS MAY OCCUR		SIZE A	CAGE CODE 43321	ITEM NO. PBTC102	REV. A
			SCALE: NONE	CAD FILE: PBTC102.SLDDRW		SHEET 1 OF 1