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

1. CONSTRUCTION:

CONDUCTOR: 14 AWG TINNED COPPER  
 INSULATION: POLYVINYLCHLORIDE, .022" NOM. WALL THICKNESS  
 INNER JACKET: NYLON, .004" MIN THICKNESS  
 JACKET: POLYVINYLCHLORIDE, BLACK, .045" NOM. WALL THICKNESS.  
 OVERALL CABLE DIAMETER

NOM. DIA.  
 .076"  
 .118"  
 .128"  
 .362±.012"

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) ≤8.96

4. REFERENCE STANDARD:

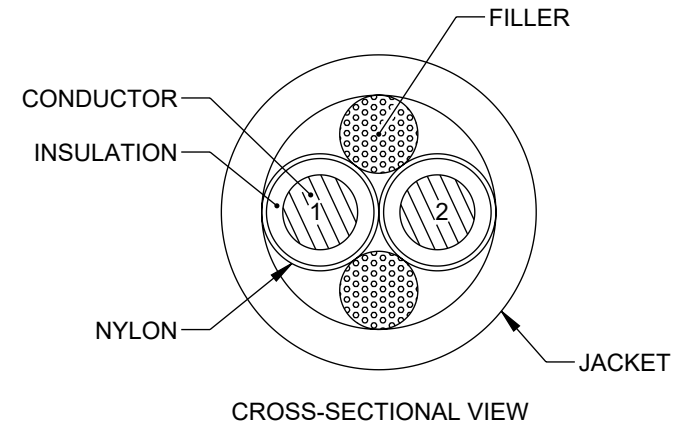
UL1277 & UL1581 & UL83  
 MEETS (UL) VW-1 FLAME TEST

5. MARKING IN WHITE:


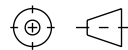
E497465 (UL) TYPE TC-ER THHN/THWN 2C 14AWG 90°C DRY/75°C WET  
 600V SUN RES VW-1 -40°C JHOSIN

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 ± 1/32 .XX = ±.02 [5]   ANGLES ± 1° .XXX = ±.005 [1.3]	APPROVALS	DATE	 an INFINIT® brand  CATEGORY <b>BULK CABLE</b>  PRODUCT DESCRIPTION <b>POWER BULK TRAY CABLE, ER, 14AWG,          2C, BLK, 600V, 1KFT</b>	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				
	CHECKED BY HBAKKE	04/18/2023				
	APPROVED BY DGUST	04/18/2023				
THIRD-ANGLE PROJECTION 	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	COLOR VARIATIONS MAY OCCUR	SIZE <b>A</b>	CAGE CODE <b>43321</b>	ITEM NO. <b>PBTC142</b>	REV. <b>A</b>
			SCALE: NONE	CAD FILE: PBTC142.SLDDRW	SHEET 1 OF 1	