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

1. CONSTRUCTION:

CONDUCTOR: 12 AWG TINNED COPPER
INSULATION: POLYVINYLCHLORIDE, .015" NOM. WALL THICKNESS
INNER JACKET: NYLON, .004" MIN THICKNESS
JACKET: POLYVINYLCHLORIDE, BLACK, .045" NOM. WALL THICKNESS.
OVERALL CABLE DIAMETER

NOM. DIA.
.091"
.144"
.155"
.413±.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) ≤5.64

4. REFERENCE STANDARD:

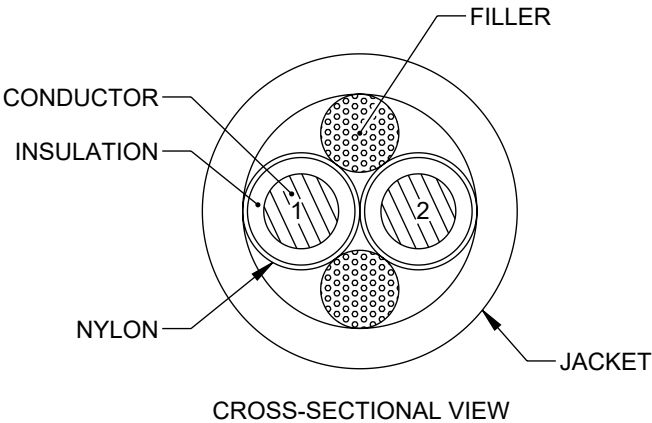
UL1277 & UL1581 & UL83
MEETS (UL) VW-1 FLAME TEST

5. MARKING IN WHITE:

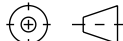
E497465 (UL) TYPE TC-ER THHN/THWN 2C 12AWG 90°C DRY/75°C WET
600V SUN RES VW-1 -40°C JHOSIN

6. CONDUCTOR COLOR:

1. RED
2. BLACK



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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm]		APPROVALS		DATE		 TRANSECTOR an INFINITI® brand		10701 Airport Road, Hayden, ID 83835 Phone: 1.208.635.6400 Fax: 1.208.955.2041	
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 [.13]		DRAWN BY DZINN		04/18/2023		CATEGORY		BULK CABLE	
		CHECKED BY HBAKKE		04/18/2023					
		APPROVED BY DGUST		04/18/2023					
		CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY		PRODUCT DESCRIPTION POWER BULK TRAY CABLE, ER, 12AWG, 2C, BLK, 600V, 1KFT					
		COLOR VARIATIONS MAY OCCUR		SIZE A	CAGE CODE 30992	ITEM NO. BPCTC122		REV. A	
				SCALE: NONE		CAD FILE: BPCTC122.SLDDRW		SHEET 1 OF 1	