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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"  
  
.504±.016"

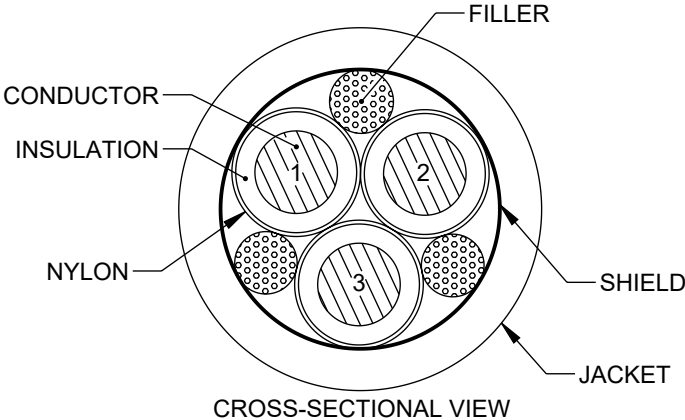
2. PHYSICAL PROPERTIES:  
TEMPERATURE RATING, MAX 90°C  
TEMPERATURE RATING, MIN. -40°C  
JACKET IS UV RESISTANT

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


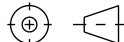
4. REFERENCE STANDARD:  
UL1277 & UL1581 & UL83  
MEETS (UL) VW-1 FLAME TEST

5. MARKING IN WHITE:  
E497465 (UL) TYPE TC-ER THHN 3C 10AWG 90°C DRY/75°C WET  
600V SUN RES VW-1 -40°C JHOSIN

6. CONDUCTOR COLOR:  
1. RED  
2. BLACK  
3. BLUE



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

<div>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm]</div> <div>OVERALL CABLE LENGTH TOLERANCE: ≤12 [305] = +1 [25] / -0 &gt;12 [305] ≤60 [1524] = +2 [51] / -0 &gt;60 [1524] ≤120 [3048] = +4 [102] / -0 &gt;120 [3048] ≤300 [7620] = +6 [152] / -0 &gt;300 [7620] = +5% / -0</div> <div>ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5]   FRACTIONS ± 1/32 .XX = ± .02 [.5]   ANGLES ± 1° .XXX = ± .005 [.13]</div>	APPROVALS	DATE	<div><b>TRANSTECTOR</b></div> <div>an INFINITI® brand</div> <div>10701 Airport Road, Hayden, ID 83835 Phone: 1.208.635.6400 Fax: 1.208.955.2041</div>			
	DRAWN BY HBAKKE	04/12/2023			CATEGORY	
	CHECKED BY DMAY	04/12/2023				
	APPROVED BY DGUST	04/12/2023				
CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY			PRODUCT DESCRIPTION Shielded Power Bulk Tray Cable, Exposed Run, 3 Conductor 10AWG 600V, TC-ER THHN THWN, UL86 UL1277 UL1581, 90C UV Res VW-1 PVC Black, 1KFT			
<div>THIRD-ANGLE PROJECTION</div> <div></div>	COLOR VARIATIONS MAY OCCUR		SIZE A	CAGE CODE 30992	ITEM NO. BPCTC103S	REV. A
			SCALE: NONE		CAD FILE: BPCTC103S.SLDDRW	
					SHEET 1 OF 1	