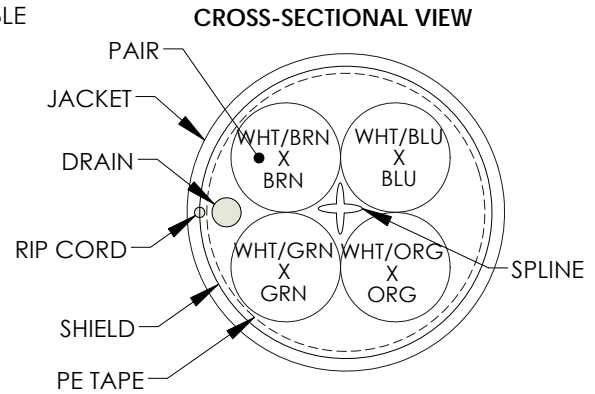
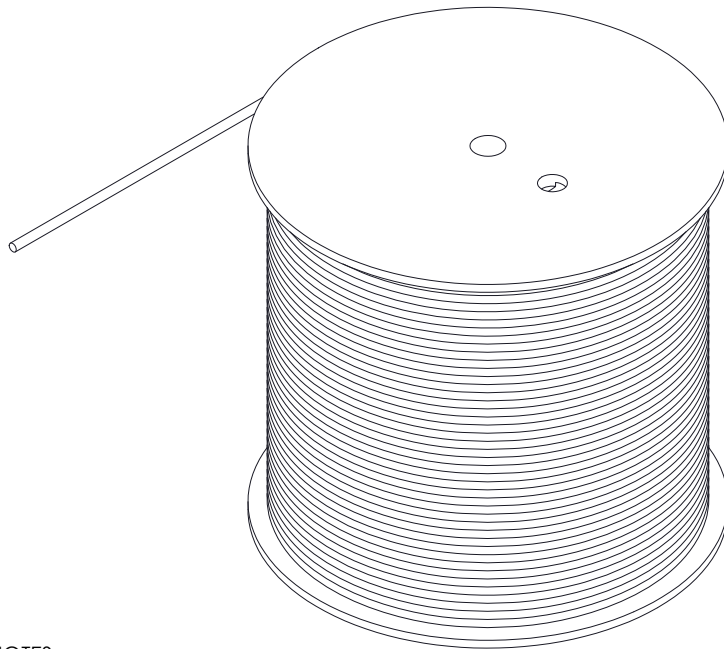


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REVISIONS			
REV	DESCRIPTION	DATE	APPROVAL
A	REV A DRAWING RELEASED	09/28/2018	DFRISIELLO
B	ECN 9957: REVISED JACKET MARKING	07/08/2019	DFRISIELLO

**TFPC6A-WHT**  
 TFPC6A-WHT CONSISTS OF 1000 FEET OF CONTINUOUS LENGTH BULK CABLE



**CROSS-SECTIONAL VIEW**

PAIR  
 JACKET  
 DRAIN  
 RIP CORD  
 SHIELD  
 PE TAPE

WHT/BRN X BRN  
 WHT/BLU X BLU  
 WHT/GRN X GRN  
 WHT/ORG X ORG

SPLINE

**COLOR CODE**  
 1) BLUE x WHITE/BLUE  
 2) ORANGE x WHITE/ORANGE  
 3) GREEN x WHITE/GREEN  
 4) BROWN x WHITE/BROWN

**NOTES:**

1. CONSTRUCTION:  
 CONDUCTOR: 23 AWG SOLID BARE COPPER

PAIRS: COLOR CODED SINGLES TWISTED INTO PAIRS  
 CABLE: (4) TWISTED PAIRS TWISTED TOGETHER TO FORM A CABLE CORE WITH A SPLINE DIVIDER  
 SHIELD: AN ALUMINUM POLYESTER FOIL SHIELD (100% COVERAGE) OVER PE TAPE WRAP.  
 A SOLID TINNED COPPER DRAIN WIRE IN CONTACT WITH THE OUTER SURFACE.  
 JACKET: PLENUM, PVC, COLOR, WHITE, WITH RIP CORD

OVERALL CABLE DIAMETER: 0.268±0.012 [6.8 ±0.3mm]

2. PHYSICAL PROPERTIES:  
 TEMPERATURE RATING, MAX. 80°C  
 TEMPERATURE RATING, MIN. -20°C

3. AGENCY APPROVALS:  
 NEC ARTICLE 800, UL 444TYPE CMP RATING FT6, ETL VERIFIED TO ANSI-TIA 568.2 CATEGORY 6, C(ETL)US RoHS COMPLIANT

4. JACKET PRINT:  
 VERTICAL CABLE E191267 (UL) c(UL) CMP FT 75C 23AWG 4PR CAT6A F/UTP ANSI/TIA 568C.2 RoHS COMPLIANT XXXFT

5. ELECTRICAL CHARACTERISTICS: (FOR 100m OF CABLE)  
 VOLTAGE RATING 30V  
 CAPACITANCE 5.6nF/100m NOMINAL  
 VELOCITY OF PROPAGATION 65%  
 MAX CONDUCTOR D.C. RESISTANCE 9.38 Ω/100m NOMINAL  
 MAX D.C. RESISTANCE, UNBALANCE 5%

6. CHARACTERISTIC IMPEDANCE  
 1 MHz - 100 MHz 100 ± 15%  
 101 MHz - 250 MHz 100 ± 22%  
 251 MHz - 550 MHz 100 ± 25%

7. PACKAGING:  
 CABLE SHIPPED ON A SPOOL

REGULATORY COMPLIANCE:  
 CE2011/65/EU(RoHS DIRECTIVE)  
 UL LISTED

B

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 [5.08] .XX = .02 [51] .XXX = .005 [127]	APPROVALS	DATE	50 HIGH STREET NORTH ANDOVER, MA 01845				
	DRAWN BY DFRISIELLO	09/28/2018					
	CHECKED BY MPATEL	09/28/2018	CATEGORY	TELECOM/MODULAR			
	APPROVED BY DGUTTADAUR	09/28/2018	PRODUCT DESCRIPTION	Cat6a F/UTP 23SLD CMP WHT			
PROJECTION		CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	COLOR VARIATIONS MAY OCCUR	SIZE <b>A</b>	FSCM NO. <b>43321</b>	DWG. NO. <b>TFPC6A-WHT</b>	REV. <b>B</b>
SCALE: 1:4			CAD FILE: TFPC6A-WHT.SLDDRW		SHEET 1 OF 1		