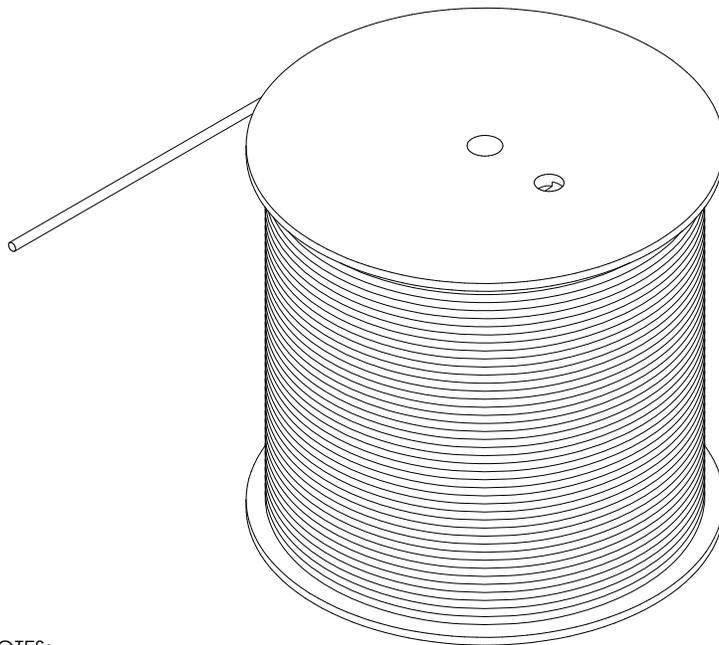


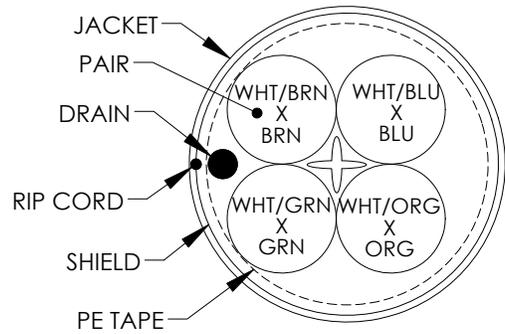
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF L-COM, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF L-COM, INC. IS PROHIBITED.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVAL
A	REV A DRAWING RELEASED	09/28/2018	DFRISIELLO

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



**CROSS-SECTIONAL VIEW**



**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, BLUE, 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:**

4PR 23AWG SOLID CAT6A AUGMENTED 10GS SHIELDED 75C CMP E328429 (UL) ANSI/TIA 568.2 RoHS COMPLIANT XXXXFT

**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**

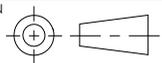
1 MHz - 100 MHz 100 ± 15%  
 101 MHz - 250 MHz 100 ± 22%  
 251 MHz - 550 MHz 100 ± 25%

**7.PACKAGING:**

CABLE SHIPPED ON A SPOOL

**REGULATORY COMPLIANCE:**

CE2011/65/EU(RoHS DIRECTIVE)  
 UL LISTED

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 [13]	APPROVALS DRAWN BY DFRISIELLO	DATE 09/28/2018	 50 HIGH STREET NORTH ANDOVER, MA 01845		
	CHECKED BY MPATEL	09/28/2018			CATEGORY TELECOM/MODULAR
	APPROVED BY DGUTTADAURO	09/28/2018	PRODUCT DESCRIPTION Cat6a F/UTP 23SLD CMP BLU		
	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	COLOR VARIATIONS MAY OCCUR	SIZE <b>A</b>	FSCM NO. <b>43321</b>	DWG. NO. <b>TFPC6A-BLU</b>
PROJECTION 	SCALE: 1:4		CAD FILE: TFPC6A-BLU.SLDRW		SHEET 1 OF 1