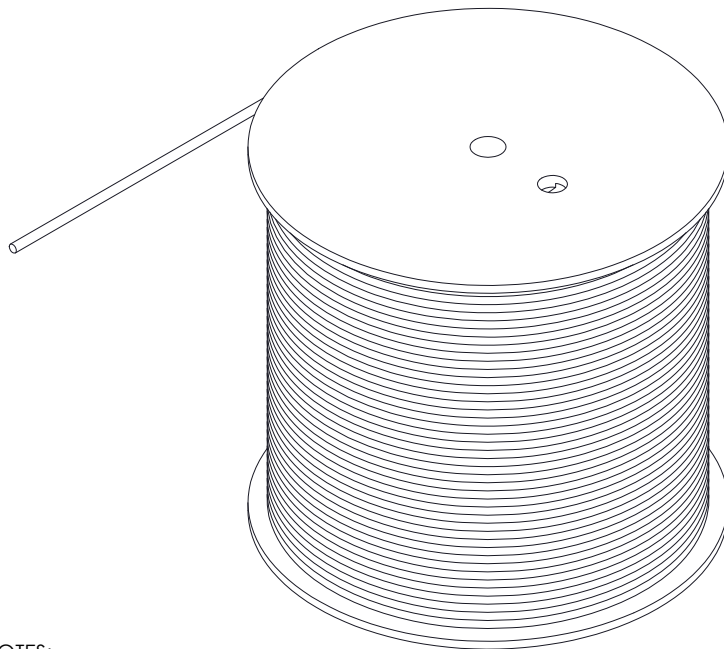


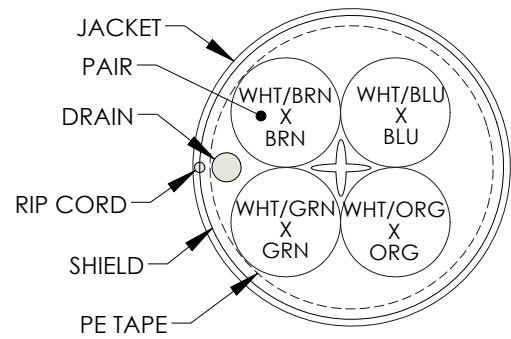
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVAL
A	REV A DRAWING RELEASED	09/28/2018	DFRISIELLO
B	ECN 9957: REVISED JACKET MARKING	07/08/2019	DFRISIELLO

TFPC6A-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:
VERTICAL CABLE E191267 (UL) c(UL) CMP FT 75C 23AWG 4PR CAT6A F/UTP ANSI/TIA 568C.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	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 BLU		
PROJECTION	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY		SIZE A	FSCM NO. 43321	DWG. NO. TFPC6A-BLU	REV. B
	COLOR VARIATIONS MAY OCCUR		SCALE: 1:4	CAD FILE: TFPC6A-BLU.SLDRW	SHEET 1 OF 1	