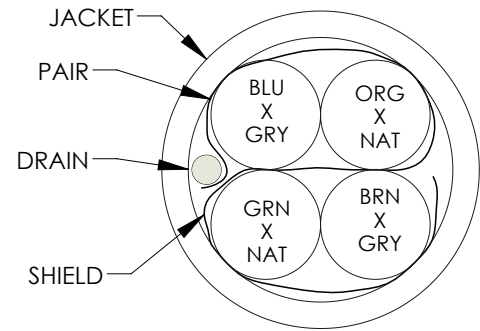
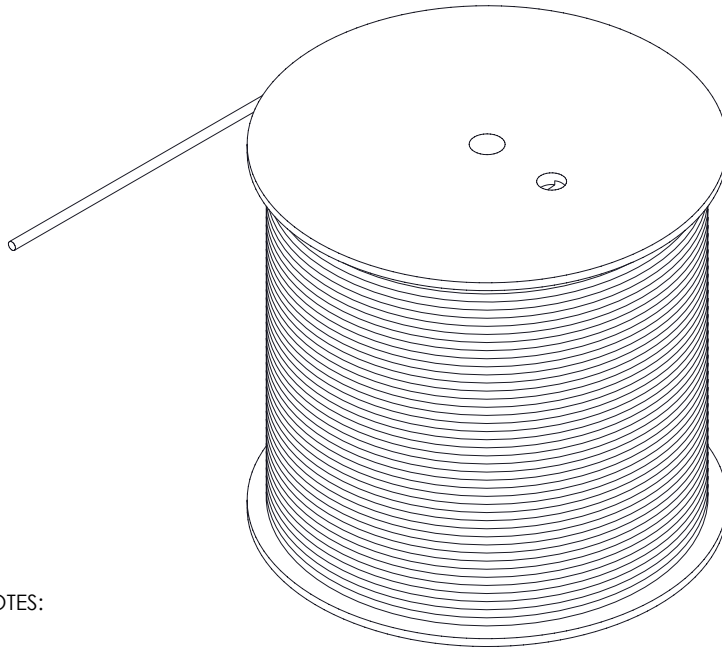


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REVISIONS			
REV	DESCRIPTION	DATE	APPROVAL
A	REV A DRAWING RELEASED	04/01/2019	DFRISIELLO

**TFC628AP-BLU**  
TFC628AP-BLU CONSISTS OF 1000 FEET OF CONTINUOUS LENGTH BULK CABLE

**CROSS-SECTIONAL VIEW**



**COLOR CODE:**  
1) NATURAL x ORANGE  
2) GRAY x BROWN  
3) NATURAL x GREEN  
4) GRAY x BLUE

**NOTES:**

**1.CONSTRUCTION:**

CONDUCTOR: 28 AWG 7/36 STRANDED TINNED COPPER  
INSULATION: FOAMED FEP, .008" NOM. WALL THICKNESS  
PAIRS: COLOR CODED SINGLES TWISTED INTO PAIRS  
CABLE: (4) TWISTED PAIRS TWISTED TOGETHER TO FORM A CABLE CORE  
SHIELD: AN ALUMINUM POLYESTER ALUMINUFOIL SHIELD(100%COVERAGE) SHALL BE APPLIED OVER THE CABLE CORE AND SHALL INCLUDE A 28AWG STRANDED TINNED COPPER DRAIN WIRE IN CONTACT WITH THE OUTER SURFACE  
JACKET: POLYVINYLCHLORIDE, (COLOR, BLUE), .021" NOM. WALL THICKNESS  
OVERALL CABLE DIAMETER

NOM. DIA.  
.015"  
.031"  
.062"  
  
.145"  
  
.191" NOM.

**2.PHYSICAL PROPERTIES:**

TEMPERATURE RATING, MAX. 105°C  
TEMPERATURE RATING, MIN. -20°C  
WT./M', NOM., NET. 16.5 LBS.

**3.AGENCY APPROVALS:**

NEC (UL) TYPE CMP  
CEC C(UL) TYPE CMP

**4.APPLICATION:**

MEETS TIA 568.2-D CHANNEL REQUIREMENTS AT 56 METERS. 7.8 METERS OF PATCH CABLE WITH A 90 METERS PERMANENT LINK (97.8 METER CHANNEL) OR 10 METERS OF PATCH CABLE WITH AN 86 METER PERMANENT LINK (94 METER CHANNEL). SUPPORTS CAT 6A APPLICATIONS INCLUDING 10G BASE-T AT THESE LENGTHS. PATENT PENDING.

**5.PRINT: (BLACK INK )**

QUABBIN DATAMAX MINI-6a F/UTP PATCH CORD P/N(MANUFACTURER P/N) -- PATENT PENDING -- C(ETL)US TYPE CMP 28 AWG 105C -- RoHS -- (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)

**6. ELECTRICAL CHARACTERISTICS: (FOR 100m OF CABLE)**

CAPACITANCE, MUTUAL, NOM. 13.5 PF/FT. AT 1 MHZ  
DIELECTRIC WITHSTANDING, MIN. 1500V RMS  
VOLTAGE RATING, MAX. 300V  
D.C. RESISTANCE, NOM. 22.4 OHM (68.2 Ω/1000')  
IMPEDANCE 100 +/- 15 Ω 1-500 MHZ  
IMPEDANCE, SMOOTHED 100 +/- 10 Ω TYPICAL 5 - 500 MHZ

**RETURN LOSS:**

1 ≤ f < 2 MHz 17 + 9.5 LOG (f) dB MIN  
2 ≤ f < 10 MHz 20 + 5 LOG (f) dB MIN  
10 ≤ f < 20 MHz 25 dB MIN  
20 ≤ f ≤ 500 MHz 25- 8.6 LOG(f/20) dB MIN

**7.PACKAGING:**  
CABLE SHIPPED ON A REEL

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	03/19/2019			CATEGORY TELECOM/MODULAR	
PROJECTION 	CHECKED BY DGUTTADAURO	03/27/2019	PRODUCT DESCRIPTION C6A F/UTP 4PR/28 STR CMP +105°C BLU			
	APPROVED BY DGUTTADAURO	03/27/2019	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	SIZE <b>A</b>	FSCM NO. <b>43321</b>	DWG. NO. TFC628AP-BLU
COLOR VARIATIONS MAY OCCUR			SCALE: 1:4	CAD FILE: TFC628AP-BLU.SLDDRW	REV. <b>A</b> SHEET 1 OF 1	