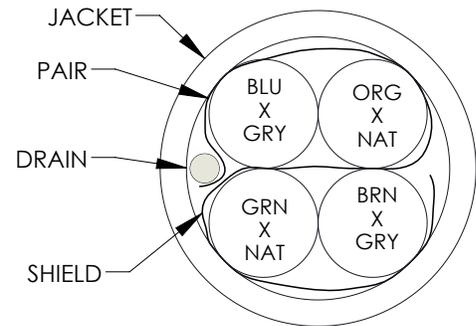
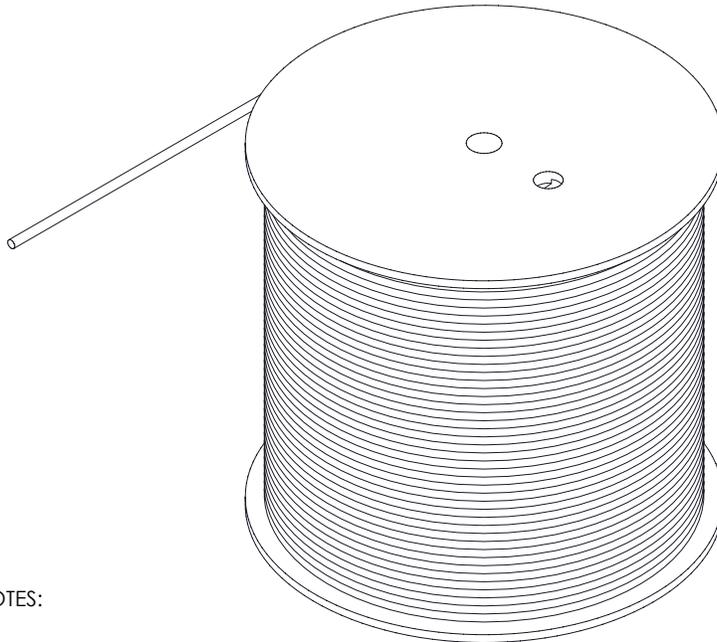


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REVISIONS			
REV	DESCRIPTION	DATE	APPROVAL
A	REV A DRAWING RELEASED	04/01/2019	DFRISIELLO

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