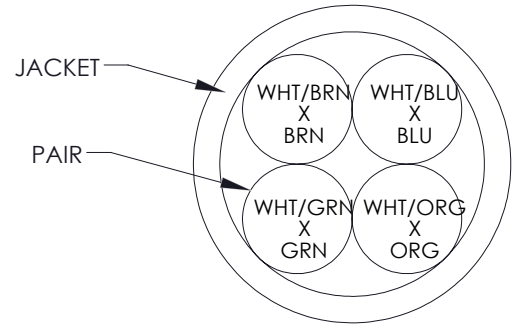
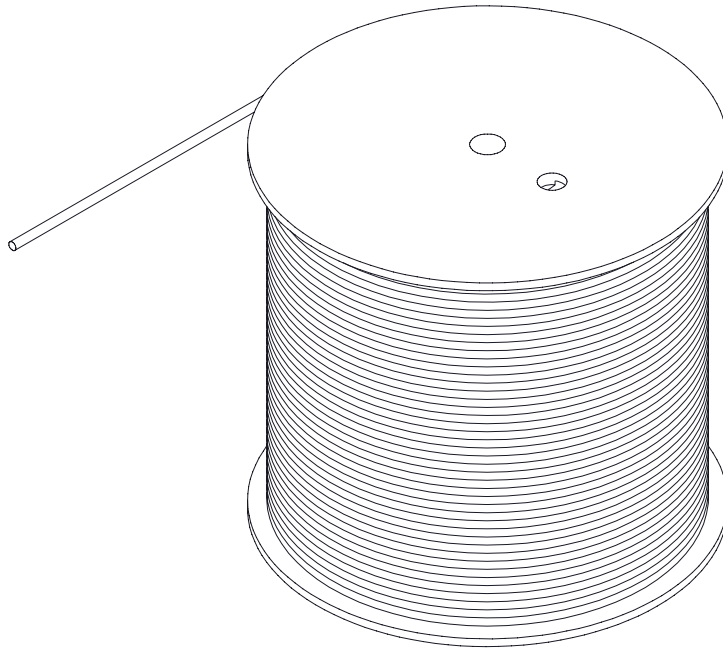


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REVISIONS			
REV	DESCRIPTION	DATE	APPROVAL
A	INITIAL RELEASE	01/27/16	D.GRIFFIN

**TC628-BL**  
TC628-BL CONSISTS OF 1000 FEET OF CONTINUOUS LENGTH BULK CABLE

**CROSS-SECTIONAL VIEW**



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

**NOTES:**

1. CONSTRUCTION:  
CONDUCTOR: 28 AWG 7/36 STRANDED TINNED COPPER  
INSULATION: HIGH DENSITY POLYETHYLENE, .005" NOM. WALL THICKNESS  
PAIRS: COLOR CODED SINGLES TWISTED INTO PAIRS  
CABLE: (4) TWISTED PAIRS TWISTED TOGETHER TO FORM A CABLE CORE  
JACKET: POLYVINYLCHLORIDE, (COLOR, BLUE), .020" NOM. WALL THICKNESS  
OVERALL CABLE DIAMETER

NOM. DIA.  
.015"  
.0245"  
.049"  
  
.150" NOM  
.155" MAX

2. PHYSICAL PROPERTIES:  
TEMPERATURE RATING, MAX. 75°C  
TEMPERATURE RATING, MIN. -20°C  
WT./M', NOM., NET. 10.8 LBS.


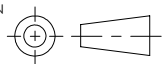
3. AGENCY APPROVALS:  
NEC (UL) TYPE CMR  
CEC C(UL) TYPE CMR

4. APPLICATION:  
MEETS TIA 568 C.2 CHANNEL REQUIREMENTS AT 53 METERS. 6.5 METERS OF PATCH CABLE WITH A 90 METERS PERMANENT LINK (96.5 METER CHANNEL) OR 10 METERS OF PATCH CABLE WITH A 84 METER PERMANENT LINK (94 METER CHANNEL)

5. PRINT: (BLACK INK )  
(MANUFACTURER NAME) DATAMAX MINI-6 U/UTP PATCH CORD P/N (MANUFACTURER P/N) -- C(UL)US TYPE CMR 28 AWG 75C -- 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. 68.2 Ω/1000'  
IMPEDANCE 100 +/- 15 Ω 1-250 MHZ  
IMPEDANCE, SMOOTHED 100 +/- 10 Ω TYPICAL 5 - 250 MHZ  
RETURN LOSS  
1 ≤ f < 10 MHZ 20 + 5 LOG (F) dB MIN  
10 ≤ f < 20 MHZ 25 dB MIN  
20 ≤ f ≤ 250 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: <math>\le 12 [305] = +1 [25] / -0</math> <math>>12 [305] - 60 [1524] = +2 [51] / -0</math> <math>>60 [1524] - 120 [3048] = +4 [102] / -0</math> <math>>120 [3048] - 300 [7620] = +6 [152] / -0</math> <math>>300 [7620] = +5\% / -0\%</math> ALL OTHER DIMENSIONAL TOLERANCES: .X = .2 [5.08] .XX = .02 [51] .XXX = .005 [13]	APPROVALS	DATE	 45 BEECHWOOD DRIVE NORTH ANDOVER, MA 01845		
	DRAWN BY D.CUI	01/27/16			CATEGORY
	CHECKED BY B.ZHANG	01/27/16	APPROVED BY S.PAN	01/27/16	PRODUCT DESCRIPTION
	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY				C6 UTP 4PR/28 STR PVC BL
PROJECTION	COLOR VARIATIONS MAY OCCUR	SIZE <b>A</b>	FSCM NO. <b>43321</b>	DWG. NO. <b>TC628-BL</b>	REV. <b>A</b>
		SCALE: 1:4	CAD FILE: TC628-BL.SLDRW	SHEET 1 OF 1	

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