

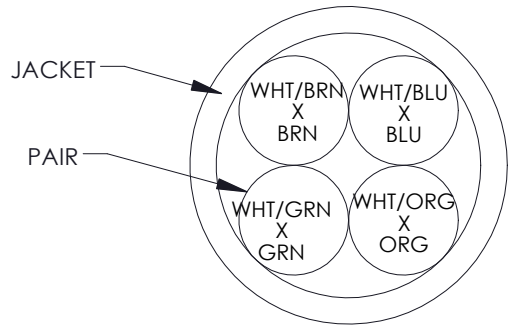
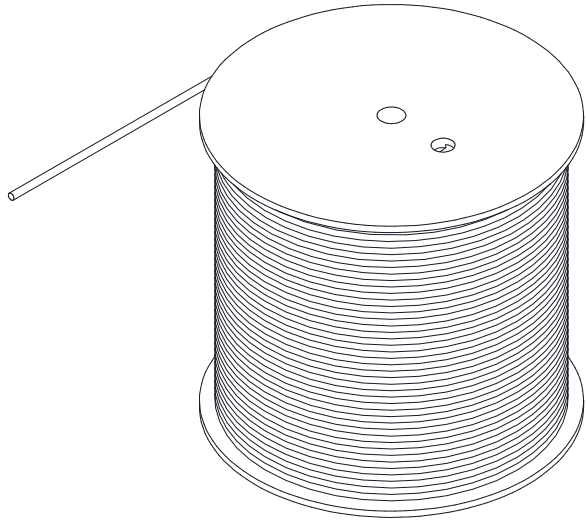
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVAL
A	INITIAL RELEASE	09/20/2018	DFRISIELLO
B	ECN 10958, ADD LSZH CHARACTERISTICS TO SPEC	01/28/2021	D.Guttadauro

TC628LS-BLU

TC628LS-BLU 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: LOW SMOKE ZERO HALOGEN, (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 CM-LS
 CEC C(UL) TYPE CM-LS
 LSZH CHARACTERISTICS: CORROSEIVE GASS: IEC 60754 / SMOKE EMISSION: UL 1685 / FLAME: UL 1685

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 LSZH MINI-6 U/UTP PATCH CORD P/N (MANUFACTURER P/N) -- C(UL)US TYPE CM-LS 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: ≤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	09/20/2018		
	CHECKED BY MPATEL	09/20/2018	CATEGORY TELECOM/MODULAR	
	APPROVED BY DGUTTADAURO	09/20/2018	PRODUCT DESCRIPTION C6 UTP 4PR/28 STR CM/LSZH BLU	
	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	COLOR VARIATIONS MAY OCCUR	SIZE A	FSCM NO. 43321
			DWG. NO. TC628LS-BLU	REV. B
SCALE: 1:4			CAD FILE: TC628LS-BLU.SLDDRW	SHEET 1 OF 1