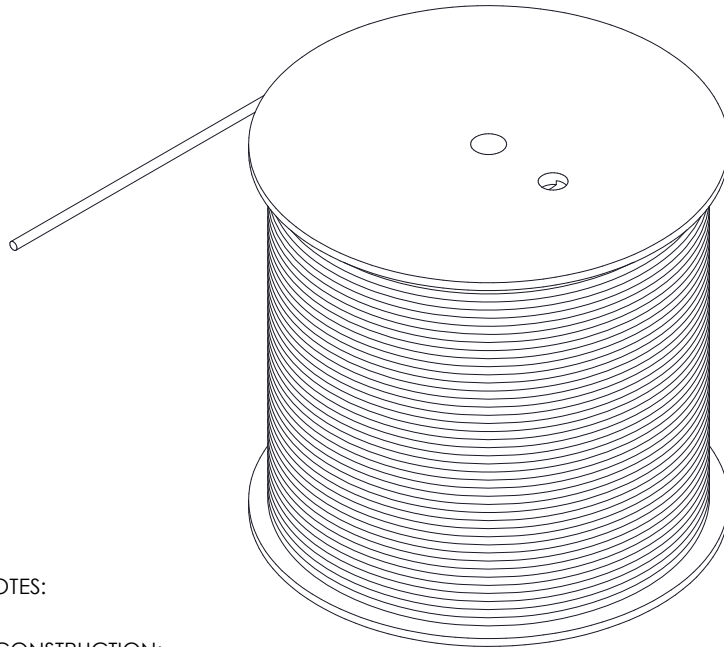


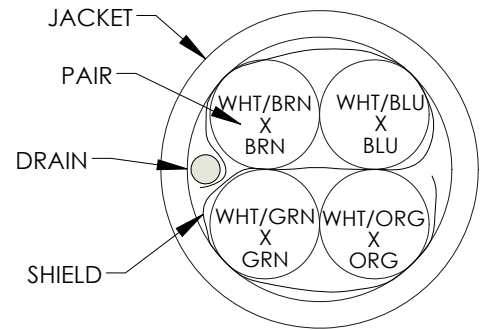
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF L-COM, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF L-COM, INC. IS PROHIBITED.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVAL
A	INITIAL RELEASE	09/20/2018	DFRISIELLO

TFC628ALS-BL
TFC628ALS-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
SHIELD: AN ALUMINUM POLYESTER ALUMINUM FOIL 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: LOW SMOKE ZERO HALOGEN, (COLOR, BLUE), .023" NOM. WALL THICKNESS
OVERALL CABLE DIAMETER

.015"
.031" MIN.
.0322" MAX.
.064"

.146"

.190" NOM.
.195" MAX.

2.PHYSICAL PROPERTIES:

TEMPERATURE RATING, MAX. 75°C
TEMPERATURE RATING, MIN. -20°C
WT./M', NOM., NET. 16.8 LBS.

3.AGENCY APPROVALS:

NEC (UL) TYPE CM-LS
CEC C(UL) TYPE CM-LS

4.APPLICATION:

MEETS TIA 568 C.2 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 A 86 METER PERMANENT LINK (96 METER CHANNEL) SUPPORTS CAT 6A APPLICATIONS INCLUDING 10G BASE-T AT THESE LENGTHS. PATENT PENDING.

5.PRINT:(BLACK INK)

(MANUFACTURER NAME) DATAMAX LSZH MINI-6A F/UTP PATCH CORD P/N (MANUFACTURER P/N) -- PATENT PENDING -- 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 1-500 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
20 ≤ f ≤ 500 MHZ 25- 8.6 LOG (f/20) dB MIN

7.PACKAGING:

CABLE SHIPPED ON A REEL

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

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 DGUITADAURO	09/20/2018	PRODUCT DESCRIPTION C6A F/UTP 4PR/28 STR CM/LSZH BL			
PROJECTION 	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	COLOR VARIATIONS MAY OCCUR	SIZE A	FSCM NO. 43321	DWG. NO. TFC628ALS-BLU	REV. A
			SCALE: 1:4	CAD FILE: TFC628ALS-BLU.SLDDRW	SHEET 1 OF 1	