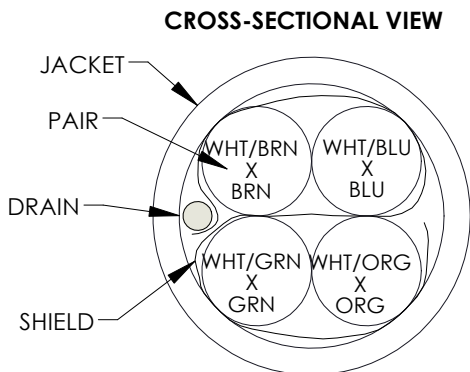
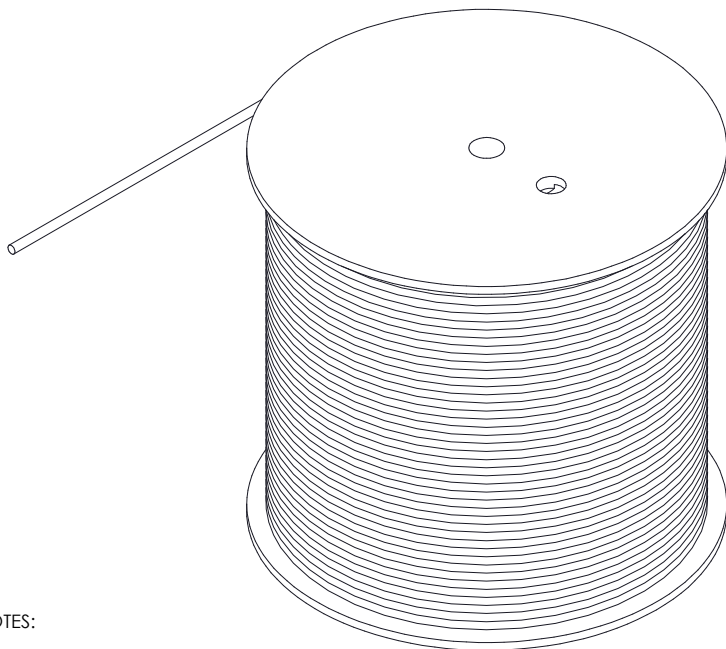


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| REVISIONS | | | |
|-----------|---------------------------------------------|------------|--------------|
| REV | DESCRIPTION | DATE | APPROVAL |
| A | INITIAL RELEASE | 09/20/2018 | DFRISIELLO |
| B | ECN 10958, ADD LSZH CHARACTERISTICS TO SPEC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

TFC628ALS-BL

TFC628ALS-BL CONSISTS OF 1000 FEET OF CONTINUOUS LENGTH BULK CABLE



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 .015"
 INSULATION: HIGH DENSITY POLYETHYLENE, .005" NOM. WALL THICKNESS .031" MIN.
 .0322" MAX.
 .064"
 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. .146"
 JACKET: LOW SMOKE ZERO HALOGEN, (COLOR, BLUE), .023" NOM. WALL THICKNESS
 OVERALL CABLE DIAMETER .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
 LSZH CHARACTERISTICS: CORROSEIVE GASS: IEC 60754/SMOKE EMISSION: UL 1685/FLAME: UL 1685

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

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