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

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

2. PHYSICAL PROPERTIES:
   TEMPERATURE RATING, MAX. 75°C
   TEMPERATURE RATING, MIN. -20°C
   WT./L', NOM., NET. 16.8 LBS.

3. AGENCY APPROVALS:
   NEC (UL) TYPE CM-LS
   CE 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 +/- 10 Ω
   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] - 60 [1524] = +2 [51] / -0
60 [1524] - 120 [3048] = +4 [102] / -0
120 [3048] - 300 [7620] = +8 [203] / 0
300 [7620] = +8 [203] / -0
ALL OTHER DIMENSIONAL TOLERANCES:
XX ± .02 [0.5]
XXX ± .05 [1.3]

COLOR VARIATIONS MAY OCCUR

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

TELECOM/MODULAR
C6A F/UTP 4PR/28 STR CM/LSZH BL

MANUFACTURER P/N-- C(UL)US TYPE CM-LS 28 AWG 75C -- RoHS -- (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)