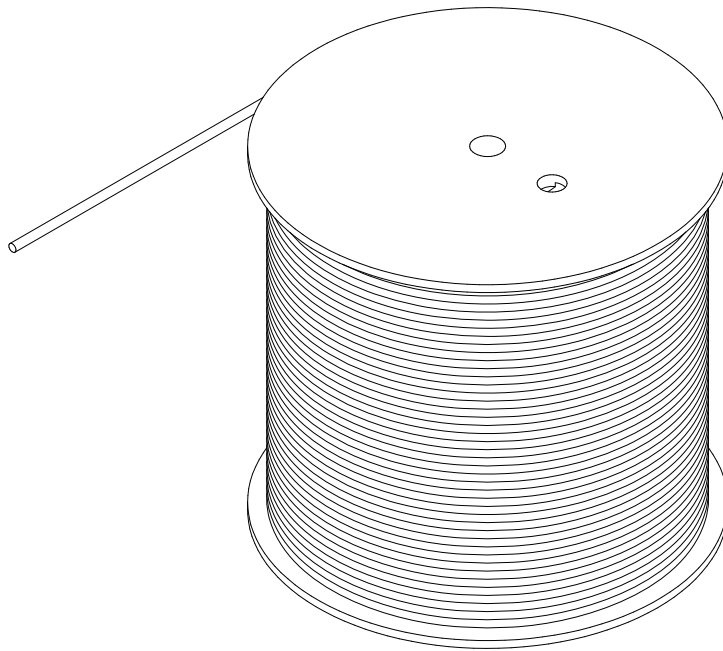


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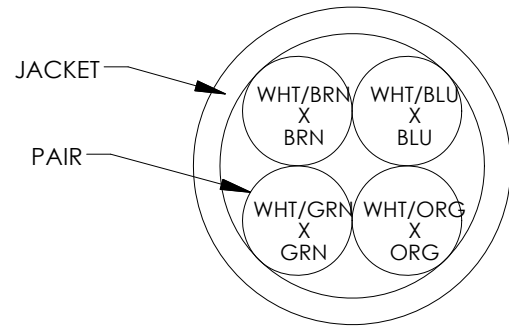
| REVISIONS | | | |
|-----------|-----------------|----------|-----------|
| REV | DESCRIPTION | DATE | APPROVAL |
| A | INITIAL RELEASE | 01/27/16 | D.GRIFFIN |

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


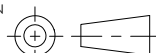
4.APPLICATION:
MEETS TIA 568 C.2 CHANNEL REQUIREMENTS AT 53 METERS. 6.5 METERS OF PATCH CABLE WITH A 90 METERS PERMANENT LINK (96.5 METER CHANNEL) OR 10 METERS OF PATCH CABLE WITH A 84 METER PERMANENT LINK (94 METER CHANNEL)

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
 $1 \leq f < 10$ MHZ 20 + 5 LOG (F) dB MIN
 $10 \leq f < 20$ MHZ 25 dB MIN
 $20 \leq f \leq 250$ 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 |  45 BEECHWOOD DRIVE NORTH ANDOVER, MA 01845 | |
| | DRAWN BY D.CUI | 01/27/16 | | |
| | CHECKED BY B.ZHANG | 01/27/16 | | |
| | APPROVED BY S.PAN | 01/27/16 | | |
| PROJECTION  | CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY | | CATEGORY TELECOM/MODULAR | |
| | COLOR VARIATIONS MAY OCCUR | | PRODUCT DESCRIPTION C6 UTP 4PR/28 STR PVC BL | |
| SIZE A | | FSCM NO. 43321 | DWG. NO. TC628-BL | REV. A |
| SCALE: 1:4 | | CAD FILE: TC628-BL.SLDRW | | SHEET 1 OF 1 |