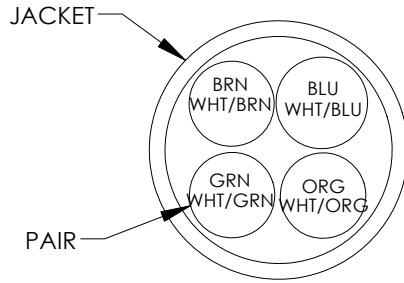


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| REVISIONS |                 |            |            |
|-----------|-----------------|------------|------------|
| REV       | DESCRIPTION     | DATE       | APPROVAL   |
| A         | INITIAL RELEASE | 04/23/2021 | GUTTADAURO |

### CROSS-SECTIONAL VIEW



#### COLOR CODE:

- 1) BLUE x WHITE/BLUE
- 2) ORANGE x WHITE/ORANGE
- 3) GREEN x WHITE/GREEN
- 4) BROWN x WHITE/BROWN

#### NOTES:

##### 1.CONSTRUCTION:

CONDUCTOR: 22 AWG SOLID BARE COPPER  
 INSULATION: HIGH DENSITY POLYETHYLENE, .010" NOM. WALL THICKNESS  
 PAIRS: COLOR CODED SINGLES TWISTED INTO PAIRS  
 CABLE: (4) TWISTED PAIRS TWISTED TOGETHER TO FORM A CABLE CORE  
 JACKET: POLYVINYLCHLORIDE, BLACK .037" NOM. WALL THICKNESS (PRESSURE)  
 OVERALL CABLE DIAMETER

NOM. DIA.  
 .0254"  
 .045"  
 .090"  
 .193"  
 .267"  
 (BY PI TAPE)

##### 2.PHYSICAL PROPERTIES:

TEMPERATURE RATING, MAX. 75°C  
 TEMPERATURE RATING, MIN. -20°C  
 WT./M', NOM., NET. 36.2 LBS.

##### 3.AGENCY APPROVALS:

NEC (UL) TYPE PLTC, NEC (UL) TYPE CMX OUTDOOR-CMR, CEC C(UL) TYPE CMX OUTDOOR-CMR

##### 4.APPLICATION:

RoHS COMPLIANT MATERIALS. COMPLIES WITH FT4/IEEE 1202 BURN. COMPLIES WITH UL 1666 VERTICAL RISER BURN.  
 COMPLIES WITH UL VW-1 BURN.

##### 5.PRINT: (WHITE INK ON BLACK JACKET)

QUABBIN DATAMAX CAT 5E 350 MHZ U/UTP HORIZONTAL CABLE P/N 5941 -- (UL) PLTC 22 AWG 75C OIL RES I FT4 OR  
 C(UL)US CMX OUTDOOR-CMR 75C SUN RES -- CAT 5e TIA-568.2-D -- RoHS -- (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)

##### 6. ELECTRICAL CHARACTERISTICS: (FOR 100m OF CABLE)

CAPACITANCE, MUTUAL, MAX. 13.5 PF/FT. AT 1 MHZ  
 DIELECTRIC WITHSTANDING, MIN. 1500V RMS  
 VOLTAGE RATING, MAX. 300V  
 D.C. RESISTANCE, MAX. 17.2 Ω /1000 FT  
 IMPEDANCE 100 +/- 15 Ω 1 - 350 MHZ

##### 7.PACKAGING:

| PART NUMBER        | PACKAGING |
|--------------------|-----------|
| TDP24C5E-BLK-100F  | COIL      |
| TDP24C5E-BLK-500F  | SPOOL     |
| TDP24C5E-BLK-1000F | SPOOL     |

|  |                               |            |  |                  |                          |  |
|--|-------------------------------|------------|--|------------------|--------------------------|--|
| UNLESS OTHERWISE SPECIFIED,<br>DIMENSIONS ARE IN INCHES [mm]<br>OVERALL CABLE LENGTH TOLERANCE:<br>≤12 [305] = +1 [25] / -0<br>>12 [305] - 60 [1524] = +2 [51] / -0<br>>60 [1524] - 120 [3048] = +4 [102] / -0<br>>120 [3048] - 300 [7620] = +6 [152] / -0<br>>300 [7620] = +5% / -0%<br>ALL OTHER DIMENSIONAL TOLERANCES:<br>.X = .2 [5.08]<br>.XX = .02 [51]<br>.XXX = .005 [13] | APPROVALS                     | DATE       | 50 HIGH STREET<br>NORTH ANDOVER, MA<br>01845                   |                  |                          |  |
|  | DRAWN BY<br>DFRISIELLO        | 04/23/2021 |  |                  | CATEGORY                 | TELECOM/MODULAR                            |
|  | CHECKED BY<br>DGUTTADAURO     | 04/23/2021 |  |                  | PRODUCT DESCRIPTION      | Bulk C5e 4P UTP POE 22SLD PLTC-CMR PVC BLK |
|  | APPROVED BY<br>DGUTTADAURO    | 04/23/2021 | CONFIGURATION DETAILS OF<br>UNDIMENSIONED FEATURES<br>MAY VARY | SIZE<br><b>A</b> | FSCM NO.<br><b>43321</b> | DWG. NO.<br><b>TDP24C5E-BLK</b>            |
| PROJECTION<br>   | COLOR VARIATIONS<br>MAY OCCUR | SCALE: N/A | CAD FILE: TDP24C5E-BLK.SLDRW                                   | SHEET 1 OF 1     |                          |  |