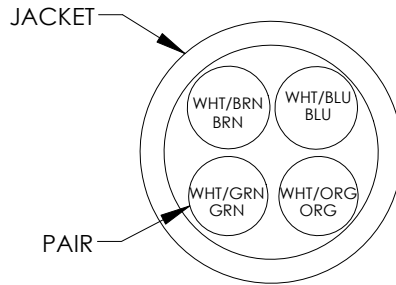


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REVISIONS			
REV	DESCRIPTION	DATE	APPROVAL
A	INITIAL RELEASE	04/27/2021	GUTTADAURO

**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: 24 AWG SOLID BARE COPPER  
 INSULATION: HIGH DENSITY POLYETHYLENE, .008" NOM. WALL THICKNESS  
 PAIRS: COLOR CODED SINGLES TWISTED INTO PAIRS  
 CABLE: (4) TWISTED PAIRS TWISTED TOGETHER TO FORM A CABLE CORE.  
 JACKET: POLYVINYLCHLORIDE, BLACK .033" NOM. WALL THICKNESS  
 OVERALL CABLE DIAMETER

NOM. DIA.  
 .0215"  
 .038"  
 .076"  
 .164"  
 .230"

**2.PHYSICAL PROPERTIES:**

TEMPERATURE RATING, MAX. 75°C  
 TEMPERATURE RATING, MIN. -40°C  
 WT./M', NOM., NET. 25.4 LBS.  
 JACKET IS UV RESISTANT, JACKET IS OIL RESISTANT PER UL 2556

**3.AGENCY APPROVALS:**

NEC (UL) TYPE CMX OUTDOOR - CMR, CEC C(UL) TYPE CMX OUTDOOR - CMR, MEETS EU DIRECTIVE 2011/65/EU (RoHS II)

**4.APPLICATION:**

HORIZONTAL CABLE FOR 568.2-D CATEGORY 5e APPLICATIONS. CABLE MEETS UL 1666 AND HAS BEEN FOUND TO MEET THE STANDARD CRITERIA FOR FT4/IEEE 1202, PER UL 444.

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

QUABBIN DATAMAX EXTREME TOUGH CAT 5e 200 MHZ U/UTP HORIZONTAL CABLE P/N 5943 -- C(UL)US TYPE CMX OUTDOOR - CMR 24AWG 75C SUN RES -- CAT 5e TIA0568.2-D -- CE RoHS (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)

CAPACITANCE, MUTUAL, MAX. 13.5 PF/FT. AT 1 MHz @ 20° C  
 DIELECTRIC WITHSTANDING, MIN. 1500V RMS  
 VOLTAGE RATING, MAX. 300V  
 D.C. RESISTANCE, MAX. 26.2 Ω /1000 FT (8.59 Ω /100M) @ 20° C  
 IMPEDANCE 100 +/- 10 Ω 1 - 200 MHZ

**RETURN LOSS:**

1 ≤ f < 10 MHz 20 + 5 LOG (f) dB MIN  
 10 ≤ f < 20 MHz 25dB MIN  
 20 ≤ f < 200 MHz 25 - 7 LOG(f/20) dB MIN

**7.PACKAGING:**

PART NUMBER	PACKAGING
TOCILC5E-BLK-100F	COIL
TOCILC5E-BLK-500F	SPOOL
TOCILC5E-BLK-1000F	SPOOL

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 [1.27]	APPROVALS	DATE	50 HIGH STREET NORTH ANDOVER, MA 01845		
	DRAWN BY DFRISIELLO	04/27/2021			
	CHECKED BY DGUTTADAURO	04/27/2021			
	APPROVED BY DGUTTADAURO	04/27/2021			
PROJECTION	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	CATEGORY TELECOM/MODULAR	PRODUCT DESCRIPTION Bulk C5e 4P UTP POE 24SLD CMR-CMX PVC BLK		
	COLOR VARIATIONS MAY OCCUR	SIZE <b>A</b>	FSCM NO. <b>43321</b>	DWG. NO. <b>TOCILC5E-BLK</b>	REV. <b>A</b>
SCALE: N/A		CAD FILE: TOCILC5E-BLK.SLDRW		SHEET 1 OF 1	