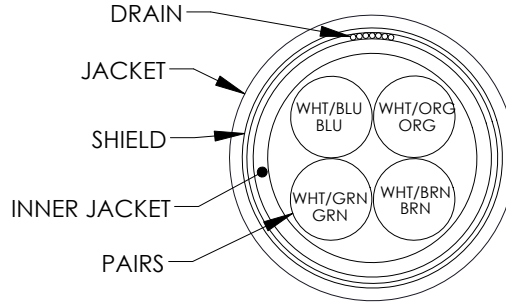


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REVISIONS			
REV	DESCRIPTION	DATE	APPROVAL
A	INITIAL RELEASE	04/26/2021	GUTTADAURO

**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: 23 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  
 INNER JACKET: POLYVINYLCHLORIDE, NATUAL, .020" NOM. WALL THICKNESS DIAMETER  
 SHIELD: AN OVERALL ALUMINUM POLYESTER FOIL SHIELD (FOIL IN, 100% COVERAGE)  
 SHALL BE APPLIED OVER THE INNER JACKET AND SHALL INCLUDE 7 ENDS OF  
 34AWG TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE  
 OUTER JACKET: POLYVINYLCHLORIDE, BLACK, .035" NOM. WALL THICKNESS  
 OVERALL CABLE DIAMETER

**NOM. DIA.**

.0237"  
 .044"  
 .088"  
 .193"  
 .233"  
 .246"  
 .314"  
 (BY PI TAPE)

**2. PHYSICAL PROPERTIES:**

TEMPERATURE RATING, MAX. 75°C & 80°C  
 TEMPERATURE RATING, MIN. -40°C  
 WT./M', NOM., NET. 48.6 LBS.  
 JACKET IS UV RESISTANT  
 JACKET IS OIL RESISTANT PER UL 2556

**3. AGENCY APPROVALS:**

UL AWM STYLE 2463  
 NEC (UL) TYPE CMX OUTDOOR - CMG/CMR  
 CEC C(UL) TYPE CMX OUTDOOR - CMG/CMR  
 MEETS EU DIRECTIVE 2011/65/EU (RoHS II)

**4. APPLICATION:**

HORIZONTAL CABLE FOR 568.2-D CATEGORY 6 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)**

QUABBIN DATAMAX EXTREME TOUGH CAT 6 F/UTP HORIZONTAL CABLE P/N 5945 CMX OUTDOOR - CMG C(UL)US CMX OUTDOOR - CMR 23 AWG 75C SUN RES OR AWM 2463 80C 600V -- CAT 6 TIA - 568.2-D -- CE RoHS -- (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)

**6. ELECTRICAL CHARACTERISTICS:**

CAPACITANCE, MUTUAL, MAX. 13.5 PF/FT. AT 1 MHZ @20°C  
 DIELECTRIC WITHSTANDING, MIN. 2000V RMS  
 VOLTAGE RATING, MAX. 600V  
 D.C. RESISTANCE, MAX. 6.68 Ω/100M (20.36 Ω/1,000 FT)  
 IMPEDANCE, NOM. 100 +/- 15 Ω, 1 - 100 MHZ

**RETURN LOSS:**

1 ≤ f < 10 MHz 20 + 5 LOG (f) dB MIN  
 10 ≤ f < 20 MHz 25dB MIN  
 20 ≤ f < 250 MHz 25- 7 LOG(f/20) dB MIN

**7. PACKAGING:**

PART NUMBER	PACKAGING
TOFIC6-BLK-100F	COIL
TOFIC6-BLK-500F	SPOOL
TOFIC6-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 [1.13]	APPROVALS	DATE		50 HIGH STREET NORTH ANDOVER, MA 01845	
	DRAWN BY DFRISIELLO	04/26/2021		CATEGORY	TELECOM/MODULAR
	CHECKED BY DGUTTADAURO	04/26/2021	PRODUCT DESCRIPTION		
	APPROVED BY DGUTTADAURO	04/26/2021	Bulk C6 4P F/UTP POE 23SLD CMR-CMG PVC BLK		
PROJECTION	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY		SIZE	FSCM NO.	DWG. NO.
	COLOR VARIATIONS MAY OCCUR		<b>A</b>	<b>43321</b>	<b>TOFIC6-BLK</b>
			SCALE: N/A	CAD FILE: TOFIC6-BLK.SLDDRW	SHEET 1 OF 1