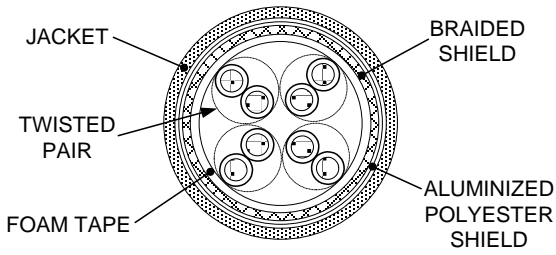


**Bulk Cable Specification**

**TFDL5083 Category 5e Cable**

<b>Cross-Sectional View</b> 		<b>Color Code</b> Pair 1. Blue, White/Blue Pair 2. Orange, White/Orange Pair 3. Green, White/Green Pair 4. Brown, White/Brown
ITEM		DESCRIPTION
Conductor	No. of Conductors	4 Pairs
	Material	Stranded Tinned copper
	Construction	26 AWG 7/34
Insulation	Material	High Density Polyethylene
	Nominal Diameter	.037"
Shielding 1	Material	Aluminum / Polyester Tape (foil in)
	Coverage	100%
Shielding 2	Material	Braided tinned copper
	Construction	38 AWG
Jacket	Material	Thermoplastic Elastomer
	Nominal Thickness	.037"
	Nominal Diameter	.244" ±.005"
	Color	Black
Jacket Marking: QUABBIN DATAMAX EXTREME HIGH FLEX INDUSTRIAL ETHERNET/IP PATCH CORD CAT 5e SF/UTP P/N 5083 -- U.S. PATENT NO. US 8,487,184 B2 -- C(UL)US TYPE CMX OUTDOOR - CM 4PR 26 AWG 75C SUN RES -- RoHS -- (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)		
<b>ELECTRICAL PROPERTIES</b>		
DC Resistance, MAX	14.0Ω / 100m	
Conductor to Conductor Capacitance	13.5pF / ft @ 1MHz	
Impedance	100Ω ± 15Ω, 1-100 MHz	
Dielectric Withstanding, MIN	1500V RMS	
Voltage Rating MAX	300V	
<b>LISTINGS / RATINGS</b>		
Temperature Rating: -40°C to +75°C		
Flex Life: 1 million cycle test (10x cable O.D. minimum radius) 10 million cycle test (20x cable O.D. minimum radius)		
RoHS Compliant NEC (UL) TYPE CMX OUTDOOR - CM CEC C(UL) TYPE CMX OUTDOOR - CM		