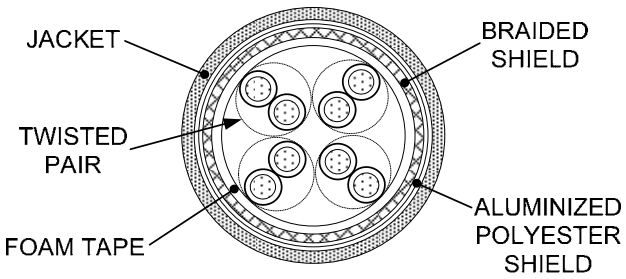
Bulk Cable Specification

TFDL5089 Category 5e Cable

Cross-Sectional View



Color Code

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	24 AWG 7/32
Insulation	Material	H.D. Polyethylene
	Nominal Diameter	.046”
Shielding 1	Material	Aluminum / Polyester Tape (foil in)
	Coverage	100%
Shielding 2	Material	Tinned Copper Braid
	Construction	38 AWG (75% Min. Coverage)
Jacket	Material	Thermoplastic Elastomer
	Nominal Thickness	.037”
	Nominal Diameter	.301” ±.010”
	Color	Black

Jacket Marking:
QUABBIN DATAMAX EXTREME HIGH FLEX INDUSTRIAL ETHERNET PATCH CORD CAT 5e ScTP P/N 5089 – C(UL)US TYPE CMX OUTDOOR – CM 4PR 24 AWG 75C SUN RES OR AWM2463 – RoHS – (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)

ELECTRICAL PROPERTIES	
DC Resistance, MAX	26.0Ω / 1000 ft
Conductor to Conductor Capacitance	13.5pF / ft @ 1MHz
Impedance	100Ω ± 15Ω, 1-100 MHz
Dielectric Withstanding, MIN	1500V RMS
Voltage Rating MAX	600V

LISTINGS / RATINGS
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

PART NUMBER	PACKAGING
TFDL5089-100 FT	COIL IN LOGO BAG
TFDL5089-500 FT	SPOOLED ON REEL
TFDL5089-1000 FT	SPOOLED ON REEL