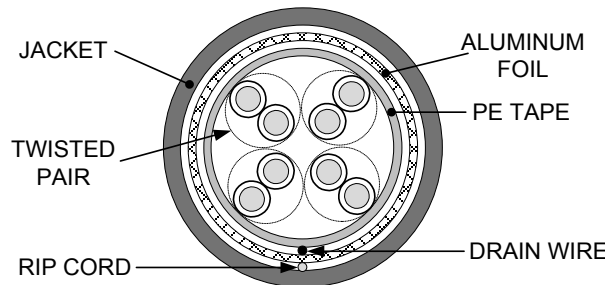


Bulk Cable Specification

TOFC5-BLK CATEGORY 5E OUTDOOR CABLE SHIELDED WITH DRAIN WIRE

<p>Cross-Sectional View</p> 		<p>Color Code</p> <p>Pair 1. Blue, White/Blue Pair 2. Orange, White/Orange Pair 3. Green, White/Green Pair 4. Brown, White/Brown</p>
ITEM		DESCRIPTION
Conductor	No. of Conductors	4 Pairs
	Material	Solid Bare Copper
	Gauge	24 AWG
Insulation	Material	PE
	Nominal Thickness	.009" [0.228mm]
	Nominal Diameter	.038" [0.97mm]
	Twisted Pair Diameter	.076" [1.94mm]
Shielding	Material	Aluminum Foil
	Coverage	100%
Drain Wire	Material	Tinned Copper
Rip Chord	Material	Nylon
Jacket	Material	LLDPE (UV)
	Nominal Thickness	.028" [0.70mm]
	Nominal Diameter	.248" [6.30mm]
	Color	Black
Jacket Marking: VERTICAL 4001453 cETLus VERIFIED CMX STP 4PR 24AWG OUTDOOR UV CAT5E 350MHz TIA/EIA-568C.2 RoHS XXXFT (SEQUENTIAL FOOT MARKERS ON JACKET)		
ELECTRICAL PROPERTIES		
Voltage Rating (V)		30
1.0-350.0MHz Impedance (Ohms)		100±15
1.0-350.0MHz Delay Skew (ns/100m)		≤45
Pair-to-Ground Capacitance Unbalance (pF/100m)		≤330
Max. Conductor DC Resistance 20°C (ohms/km)		95
Resistance Unbalance (%)		≤5
MECHANICAL CHARACTERISTICS		
Test Object		Jacket
Test Material		LLDPE
Before	Tensile Strength (Mpa)	≥10.6
Aging	Elongation (%)	≥300
Aging Condition (°C x hrs)		100 x 168
After	Tensile Strength (Mpa)	≥85% of unaged
Aging	Elongation (%)	≥50% of unaged
Cold Bend (-20±2°C x 4hrs)		No Crack
LISTINGS / RATINGS		
Temperature Rating: -40~70°C		
CMX, ETL Listed, RoHS Compliant, Outdoor UV Rated Jacket		
PACKAGING		
1000ft Spool		

(Information subject to change without notice)