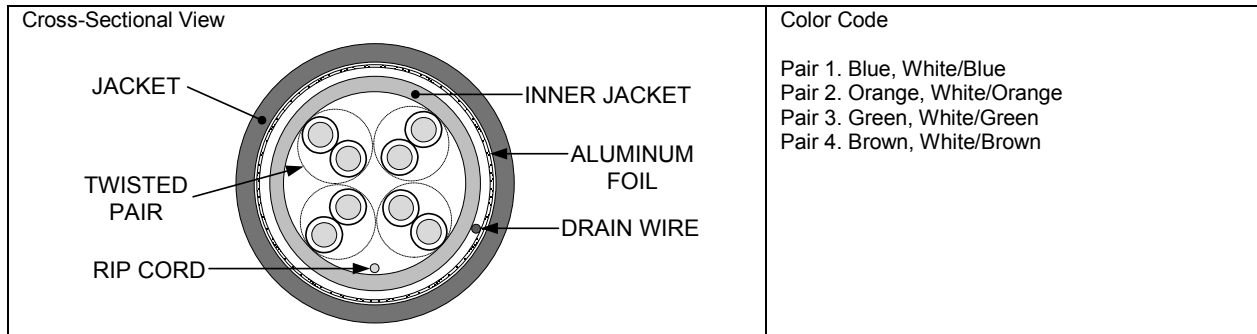


Bulk Cable Specification

TOFDLC5-BLK CATEGORY 5E DIRECT BURIAL SHIELDED (WATERPROOF)



ITEM	DESCRIPTION	
Conductor	No. of Conductors	4 Pairs
	Material	Solid Bare Copper
	Gauge	24 AWG
Insulation	Material	PE
	Nominal Thickness	.008" [0.208mm]
	Nominal Diameter	.036" [0.91mm]
	Twisted Pair Diameter	.076" [1.92mm]
Shielding	Material	Aluminum Foil
	Coverage	100%
Drain Wire	Material	Tinned Copper
Rip Chord	Material	Nylon
Inner Jacket	Nominal Thickness	.016" [0.40mm]
	Outer Diameter	.189" [4.80mm]
	Color	Gray
Outer Jacket	Material	LSZH (UV)
	Nominal Thickness	.024" [0.60mm]
	Nominal Diameter	.252" [6.40mm]
	Color	Black

Jacket Marking: VERTICAL 4001453 cETLus VERIFIED CMX STP 4PR 24AWG OUTDOOR DIRECT BURIAL (DRY) UV LSZH 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)	88.5
Resistance Unbalance (%)	≤5

MECHANICAL CHARACTERISTICS

Test Object	Jacket
Test Material	LSZH (UV)
Before Tensile Strength (Mpa)	≥13.8
Aging Elongation (%)	≥100
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
Bend Radius	>.787" [20mm]

LISTINGS / RATINGS

Temperature Rating: -20~75°C
CMX, ETL Listed, RoHS Compliant, Direct Burial (Waterproof)
Flammability Test: IEC-332-1

PACKAGING

1000ft Spool

(Information subject to change without notice)