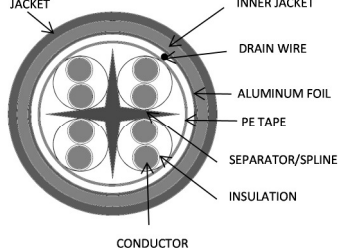


Bulk Cable Specification

TOFC6-BLK CATEGORY 6 DIRECT BURIAL CABLE SHIELDED (WATER PROOF TAPE)

<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	23 AWG
Insulation	Material	HDPE
	Nominal Thickness	.012" [0.308mm]
	Nominal Diameter	.047" [1.189mm]
Shielding	Material	Aluminum Foil
	Coverage	100%
Drain Wire	Material	Tinned Copper
Separator	Material	LDPE
Jacket	Material	LLDPE (UV)
	Nominal Diameter	.362" [9.2MM]
	Color	Black
<p>Jacket Marking: VERTICAL CABLE c(ETL)us 5006092 CMX 75C F/UTP OUTDOORDIRECT BURIAL UV LLDPE 4PR 23AWG 550MHZ CAT6 ANSI/TIA-568-C.2 RoHS V2034P11458 XXXXFT (SEQUENTIAL FOOT MARKERS ON JACKET)</p>		
ELECTRICAL PROPERTIES		
Voltage Rating (V)		30
Characteristics Impedance		100±15 Ohms
Delay Skew		≤45 (nS/100m)
Pair to Ground Capacitance		≤330 (Pf/100m) Unbalance
Max. conductor DC Resistance		93.8 (ohms/km) 20 °C
Resistance Unbalance		5% Max
MECHANICAL CHARACTERISTICS		
Test Object		Jacket
Test Material		LLDPE
Before	Tensile Strength (Mpa)	≥14.8
Aging	Elongation (%)	≥100
Aging Condition (°C x hrs)		100 x 240
After	Tensile Strength (Mpa)	≥85% of unaged
Aging	Elongation (%)	≥50% of unaged
Cold Bend (-40±2°C x 4hrs)		No Crack
Bend Radius		8XOD
LISTINGS / RATINGSECN 10151		
Temperature Rating: -40~60°C		
ETL Listed, RoHS Compliant, Outdoor UV Rated Jacket		
PACKAGING		
1000ft Spool		

(Information subject to change without notice)