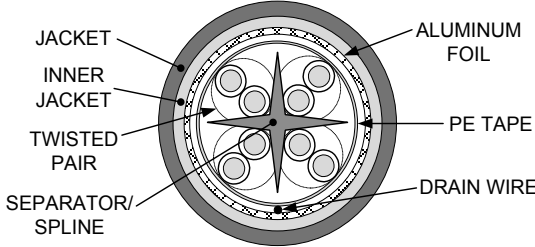


**Bulk Cable Specification**

**TOFC6A-BLK CATEGORY 6A DIRECT BURIAL SHIELDED CMXT**

<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	.011" [0.29mm]
	Nominal Diameter	.046" [1.18mm]
Lay Length	Twisting Lay Length (mm)	20 underneath
	Cabling Lay Length (±20mm)	100
	Central Separator (mm)	5.5x0.6
	Polyester Film	0.03x25
	Drain Wire	Tinned Copper .020" [0.5mm]
	AL Foil (mm)	0.07x25
Inner Jacket	Material	PVC
	Color	Gray
Outer Jacket	Material	LLDPE (UV)
	Nominal Thickness	.026" [0.65mm]
	Nominal Diameter	.335" [8.5mm]
	Color	Black
Jacket Marking: VERTICAL 4009208 c(ETL)us VERIFIED OUTDOOR DIRECT BURIAL LLDPE 10GS AUGMENTED CAT6A 4PR 23AWG TIA/EIA-568C.2 ROHS XXXFT (SEQUENTIAL FOOT MARKERS ON JACKET)		
ELECTRICAL PROPERTIES		
1.0~100MHz Impedance(Ω/100m)		100±15
100~200MHz Impedance(Ω/100m)		100±20
200~500MHz Impedance(Ω/100m)		100±25
1~500MHz Propagation Delay Skew (ns/100m)		≥45
Pair-to-Ground Capacitance Unbalance (pF/100m)		≥330
Conductor DC Resistance 20°C (Ω/100m)		≤9.38
DC Resistance Unbalance (%)		≤4.0
Material Capacitance 1KHz 20°C (nF/100m)		≤5.6
MECHANICAL CHARACTERISTICS		
Test Object		Jacket
Test Material		LLDPE
Before	Tensile Strength (Mpa)	≥13.34
Aging	Elongation (%)	≥100
Aging Condition (±1.0°C x hrs)		100 x 168
After	Tensile Strength (Mpa)	≥7.21% of unaged
Aging	Elongation (%)	≥45% of unaged
Cold Bend (-20±2°C x 4hrs)		No Crack
Heat Shock Test (121±1.0°Cx1h)		No Crack
LISTINGS / RATINGS		
Temperature Rating: -40~70°C		
CMXT, ETL Listed, RoHS Compliant		
PACKAGING		
1000ft Spool		

(Information subject to change without notice)