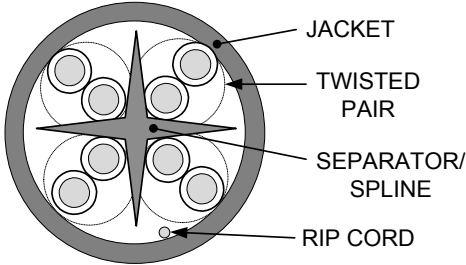


**Bulk Cable Specification**

**TOC6A-BLK CATEGORY 6A OUTDOOR CABLE CMX UV RATED**

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	Solid Bare Copper
	Gauge	23 AWG
Insulation	Material	PE
	Nominal Diameter	.040" [1.02mm]
	Twisted Pair Diameter	.080" [2.04mm]
Separator	Material	LPE
Rip Cord	Material	Nylon
Jacket	Material	LLDPE
	Nominal Diameter	.299" [7.60mm]
	Color	Black
Jacket Marking: VERTICAL 4001453 cETLus VERIFIED CMX UTP 4PR 23 AWG OUTDOOR UV LLDPE 10GS AUGMENTED CAT6A TIA/EIA – 568-C.2 RoHS V1379PXXXX XXXFT (SEQUENTIAL FOOT MARKERS ON JACKET)		
<b>ELECTRICAL PROPERTIES</b>		
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)		68.5
Resistance Unbalance (%)		≤5
<b>MECHANICAL CHARACTERISTICS</b>		
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
<b>LISTINGS / RATINGS</b>		
Temperature Rating: -20~70°C		
CMX, ETL Listed, RoHS Compliant		
Flammability Test: IEC-332-1		
<b>PACKAGING</b>		
1000ft Spool		

(Information subject to change without notice)