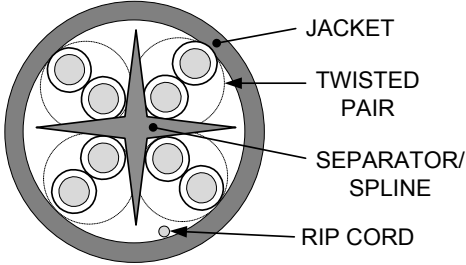


Bulk Cable Specification

TDLC6-BLU CATEGORY 6 HIGH GRADE 550MHz LOW SMOKE ZERO HALOGEN

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 Thickness	.009" [0.22mm]
	Nominal Diameter	.040" [1.01mm]
	Twisted Pair Diameter	.080" [2.02mm]
Ripcord	Material	Nylon
Separator	Material	LLDPE
Jacket	Material	LSZH
	Nominal Diameter	.244" [6.20mm]
	Color	Blue
ELECTRICAL PROPERTIES		
Voltage Rating (V)		30
1.0-500.0MHz Impedance (Ohms)		100±15
1.0-500.0MHz 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
MECHANICAL CHARACTERISTICS		
Test Object		Jacket
Test Material		LSZH
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
LISTINGS / RATINGS		
Temperature Rating: -20~70°C		
ETL Listed, RoHS Compliant, LSZH Jacket		
Flammability Test: UL 444		
PACKAGING		
1000ft Spool		

(Information subject to change without notice)