

**Bulk Cable Specification**

**TFDL2104 Category 5e Cable**

<p>Cross-sectional View</p> <p>JACKET, INSULATION, TWISTED PAIR, BRAIDED SHIELD, ALUMINIZED POLYESTER SHIELD, DRAIN WIRE, POLYESTER BINDER</p>		<p>Color Code</p> <p>P1. Blue &amp; White/Blue P2. Orange &amp; White/Orange P3. Green &amp; White/Green P4. Brown &amp; White/Brown</p>		
ITEM		DESCRIPTION		
Conductor	No. of Conductors	4 Pairs		
	Material	Bare Copper		
	Construction	24 AWG solid		
Insulation	Material	Polyolefin		
	Nominal Diameter	.043" +/- .002" [1.09mm +/- 0.05"mm]		
	Nominal Thickness	.010" [0.25mm]		
Shielding	Material	Aluminized Polyester Tape		
	Coverage	125%		
	Material	Polyester Tape		
	Coverage	100%		
Braiding	Material	Tinned Copper		
	Coverage	60%		
Drain Wire	Material	Tinned Copper		
Jacket	Material	Low Smoke Zero Halogen		
	Nominal Diameter	.259" +/- .006 [6.6mm +/- .15mm]		
	Color	TFDL2104	Gray	RAL7044
		TFDL2105	Black	RAL9005
TFDL2106		Red	RAL3027	
<p>Jacket Marking: L-COM, INC WWW.L-COM.COM VERIFIED TO TIA/EIA-568-B.2 Cat 5e 24AWG LSZH SF/UTP ROHS WW/YY</p>				
ELECTRICAL PROPERTIES				
Dielectric Strength: 500 Vac / 1 min				
Impedance: 100 ohms (Nominal)				
Listings/Ratings				
RoHS Compliant				
Operating Temperature: -20°C [-4°F] TO 80°C [176°F]				
LSZH Characteristics		Flame Rating: IEC60332-1 Corrosive Gas: IEC60754 Smoke Emission: IEC61034		

