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## **BC6A-LSD203**

CAT6A Dual U/FTP 650MHz 2x4x2x23AWG  
Bulk Cable - Low Smoke & Halogen Free

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Kramer's BC6A-LSD203 bulk cable is a high-quality CAT6A dual U/FTP low smoke & halogen free four pair twisted cable, designed for LAN applications that ensures optimum performance

## **FEATURES**

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**Quality Construction** - 2 cables of 4 shielded twisted pairs (U/FTP) of 23AWG solid copper conductors are cabled together in an unshielded outer LSHF jacket

**RJ-45 Connector** - The larger diameter 23AWG twisted pair cable requires a special RJ-45 connector. Use the K-LAN CON-RJ45-3

**Performance** - Tested up to 650MHz

**Ideal for 10GbE and legacy speeds applications**

**Length** - Available in wooden drums of 500m (1640ft)



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## TECHNICAL SPECIFICATIONS

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CONDUCTORS	Size: 2x4x2x23AWG Material: Annealed copper Diameter: 0.56mm ±0.01mm
INSULATION	Material: Skin/Foam/Skin HDPE Diameter: 1.33mm ±0.10mm Color Code: White/Blue, White/Orange, White/Green, White/Brown
SCREENING	Material: Alu/PET per pair (Alu side out)
DRAIN WIRE	Material: Tinned copper Diameter: 0.4mm ±0.01mm
JACKET	Material: LSHF Color: Yellow RAL 1018 Thickness: ≥0.5mm Diameter: 2 x 7.2mm ±0.2mm
ELECTRICAL	Impedance: 1–100MHz: 100Ω ±15Ω, 100–250MHz: 100Ω ±20Ω, 250–500MHz: 100Ω ±25Ω Propagation Velocity (NVP): 76% Voltage Rating: 30V Delay Skew: <45ns Mutual Pair Capacitance: ≤42pF/m Capacitance Unbalance Pair/ground: ≤1500pF/km Conductor DC Resistance: <79.8Ω/km Pair Resistance Unbalance DC: <1.5% Dielectric Strength: 2.5kV DC (2s) Insulation Resistance (500V): >5000MΩ/km
USAGE AND ENVIRONMENTAL	Storage / Transport / Installation Temperature: 0°C to +50°C Operation Temperature: -20°C to +60°C
MECHANICAL	Maximum Pulling Tension: 100N Bending Radius - Installed: 50mm Bending Radius - During Installation: 60mm
STANDARDS COMPLIANCE	Electrical: EIA/TIA 568A, ISO/IEC 11801 Fire Performance: IEC 60332-1 Smoke Density: IEC 61034

Halogen Free: IEC 60754

RoHS: 2011/65/EU



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## CONFIGURATIONS

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BC6A-LSD203-D500M CAT6A Dual U/FTP 650MHz 23AWG Bulk Cable – Low Smoke & Halogen Free

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