



KRAMER

BC6A-LSD203

CAT6A Dual U/FTP 650MHz 2x4x2x23AWG

Bulk Cable - Low Smoke & Halogen Free



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

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)



TECHNICAL SPECIFICATIONS

CONDUCTORS	Size: 2x4x2x23AWG Material: Annealed copper Diameter: 0.56mm \pm 0.01mm
INSULATION	Material: Skin/Foam/Skin HDPE Diameter: 1.33mm \pm 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 \pm 0.01mm
JACKET	Material: LSHF Color: Yellow RAL 1018 Thickness: \geq 0.5mm Diameter: 2 x 7.2mm \pm 0.2mm
ELECTRICAL	Impedance: 1–100MHz: 100 Ω \pm 15 Ω , 100–250MHz: 100 Ω \pm 20 Ω , 250–500MHz: 100 Ω \pm 25 Ω Propagation Velocity (NVP): 76% Voltage Rating: 30V Delay Skew: <45ns Mutual Pair Capacitance: \leq 42pF/m Capacitance Unbalance Pair/ground: \leq 1500pF/km Conductor DC Resistance: <79.8 Ω /km Pair Resistance Unbalance DC: <1.5% Dielectric Strength: 2.5kV DC (2s) Insulation Resistance (500V): >5000M Ω /km
USAGE AND ENVIRONMENTAL	Storage / Transport / Installation Temperature: 0 $^{\circ}$ C to +50 $^{\circ}$ C Operation Temperature: -20 $^{\circ}$ C to +60 $^{\circ}$ 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

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