



KRAMER

BC6A-LS203

CAT6A U/FTP 650MHz 4x2x23AWG Bulk
Cable – Low Smoke & Halogen Free



Kramer's BC6A-LS203 bulk cable is a high-quality CAT6A U/FTP low smoke & halogen free four pair twisted cable, designed for LAN applications that ensures optimum performance

FEATURES

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

Performance - Tested up to 650MHz

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

Length - Available in wooden drums of 305/500m (1000/1640ft)



TECHNICAL SPECIFICATIONS

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| CONDUCTORS | Size: 4x2x23AWG 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: 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

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| BC6A-LS203-D305M | CAT6A U/FTP 650MHz 23AWG Bulk Cable – Low Smoke & Halogen Free |
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| BC6A-LS203-D500M | CAT6A U/FTP 650MHz 23AWG Bulk Cable – Low Smoke & Halogen Free |
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