



# KRAMER

## BC6A-LSD403

CAT6A Dual F/FTP 650MHz 2x4x2x23AWG

Bulk Cable - Low Smoke & Halogen Free

---



Kramer's BC6A-LSD403 bulk cable is a high-quality CAT6A dual F/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 (F/FTP) of 23AWG solid copper conductors are cabled together in a shielded 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

**Exceeds Category 6A Requirements**

**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	Per Pair Material: Alu/PET per pair (Alu side out)
DRAIN WIRE	Material: Tinned copper Diameter: 0.4mm $\pm$ 0.01mm
OVERALL SHIELD	Material: Alu/PET (Alu inside) Coverage: $\geq$ 115%
JACKET	Material: LSHF Color: Yellow RAL 1018 Thickness: $\geq$ 0.4mm Diameter: 2 x 7.4mm $\pm$ 0.2mm
ELECTRICAL	Impedance: 1-100MHz: 100 $\Omega$ $\pm$ 15 $\Omega$ , 100-250MHz: 100 $\Omega$ $\pm$ 20 $\Omega$ , 250-500MHz: 100 $\Omega$ $\pm$ 25 $\Omega$ 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 $\Omega$ /km Pair Resistance Unbalance DC: <1.5% Dielectric Strength: 2.5kV DC (2s) Insulation Resistance (500V): >5000M $\Omega$ /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 - EC VERIFIED	Electrical: EIA/TIA 568A, ISO/IEC 11801 Fire Performance: IEC 60332-1

Smoke Density: IEC 61034

Halogen Free: IEC 60754

RoHS: 2011/65/EU



# KRAMER

## CONFIGURATIONS

---

BC6A-LSD403-D500M CAT6A Dual F/FTP 650MHz 23AWG Bulk Cable - Low Smoke & Halogen Free

---