



KRAMER

BC6A-LS403

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



Kramer's BC6A-LS403 bulk cable is a high-quality CAT6A F/FTP low smoke & halogen free four pair twisted cable, designed for LAN applications that ensures optimum performance

FEATURES

Quality Construction - 4 shielded twisted pairs (F/FTP) of 23AWG solid copper conductors are cabled together in a shielded 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 305m & 500m (1000 & 1640ft)



TECHNICAL SPECIFICATIONS

Size:	4x2x23AWG
Material:	Annealed copper
Diameter:	0.56mm \pm 0.01mm
Material:	Skin/Foam/Skin HDPE
Diameter:	1.33mm \pm 0.10mm
Color Code:	White/Blue, White/Orange, White/Green, White/Brown
Per Pair	
Material:	Alu/PET per pair (Alu side out)
Material:	Tinned copper
Diameter:	0.4mm \pm 0.01mm
Material:	Alu/PET (Alu inside)
Coverage:	\geq 115%
Material:	LSHF
Color:	Yellow RAL 1018
Thickness:	\geq 0.4mm
Diameter:	7.4mm \pm 0.2mm
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
Storage / Transport / Installation Temperature:	0 $^{\circ}$ C to +50 $^{\circ}$ C
Operation Temperature:	-20 $^{\circ}$ C to +60 $^{\circ}$ C
Maximum Pulling Tension:	100N
Bending Radius -	50mm

Installed:

Bending Radius - 60mm
During Installation:

Electrical Standards: 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-LS403-D305M	CAT6A F/FTP 650MHz 23AWG Bulk Cable - Low Smoke & Halogen Free
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BC6A-LS403-D500M	CAT6A F/FTP 650MHz 23AWG Bulk Cable - Low Smoke & Halogen Free
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