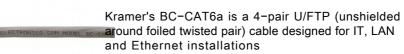


## **BC-CAT6a**

Four-Pair U/FTP Data Bulk Cable (23AWG)



## FEATURES

 $\label{eq:Quality Construction - 4 shielded twisted pairs (U/FTP) of 23AWG solid copper conductors are cabled together in an unshielded outer jacket$ 

Optimized for IT/LAN/Ethernet Installations CAT6a Certified

RJ-45 Connector - The larger diameter 23AWG twisted pair cable requires a special RJ-45 connector. Use the Kramer CON-RJ45-1

Length - Available in pull boxes of 305m (1000ft)



## TECHNICAL SPECIFICATIONS

CONSTRUCTION	Conductor Size: 23AWG bare solid copper
	Outer Jacket Color: White aluminum
	Total Wires: 8
	Drain Wire: Solid 23AWG tinned copper
	Overall Shield Material: 100% aluminum foil, 25% overlap
	Conductor Color Code: White/blue, white/orange, white/green, white/brown
	Min. Bend Radius: 35mm
DIAMETERS	Outside Diameter: 7.6mm nominal
ELECTRICAL	Propagation Delay Skew: 45ns/100m max
	Impedance: 100Ω
	DC Resistance: $48\Omega/km$ (13.8 $\Omega/1000$ ft) nominal
	Max. Resistance Unbalanced: 2%
	Capacitance: 1.2pF/m max
	Temperature: -20° to +70°C (-4° to 158°F)



## CONFIGURATIONS

BC-CAT6a-305M 23 AWG Shielded Twisted Pair (U/FTP) Designed for IT, LAN and Ethernet Installations