



BC-DGKat7a23

Four-Pair CAT 7a S/FTP Data Bulk Cable
(23AWG)



Kramer's BC-DGKat7a23 is a 4-pair CAT 7a S/FTP (braided shield around foiled twisted pair) cable designed as the ideal companion to Kramer's twisted pair digital transmitter-receiver sets to provide optimum range and performance. The cable is optimized for the new 10GBase-T applications as defined in IEEE 802.3an and for PoE+

FEATURES

Quality Construction - 4 individually aluminum-foil shielded twisted pairs (S/FTP), cabled with a drain conductor and overall braid-shielded

Optimized for Kramer Hardware - Use with any of Kramer's wide range of twisted pair digital transmitter-receiver sets. Terminate with shielded RJ-45 connectors

Length - Available in pull boxes of 100/305m (328/1000ft)



TECHNICAL SPECIFICATIONS

CONSTRUCTION	Conductor Size: 23AWG bare solid copper
	Total Wires: 8
	Internal Shield Material: Aluminum poly foil
	Drain Wire: Solid 0.41mm (0.016in) tinned copper
	Overall Shield Material: Tinned-copper braid
	Conductor Color Code: White/blue, white/orange, white/green, white/brown
DIAMETERS	Outside Diameter: 8.1mm nominal
ELECTRICAL	Frequency Range: 1 to 1200MHz
	Propagation Delay Skew: 20ns/100m max
	Velocity of Propagation: 80% nominal
	Impedance: 100 Ω
	DC Resistance: 65 Ω /km (21 Ω /1000ft) @20°C nominal
	Max Resistance Unbalanced: 2%
	Capacitance: 1.2pF/m max
	Temperature: -40° to +65°C (-40° to 149°F)
	Attenuation (dB per 100ft): -1.8dB @1MHz
	-4.9dB @10MHz
REGULATORY	-15.7dB @100MHz
	-27.8dB @300MHz
	-40.0dB @600MHz
	-52.7dB @1000MHz
REGULATORY	Standards: IEC 61156, ISO/IEC 11801, RoHS 2011/65/EU



CONFIGURATIONS

BC-DGKat7a23-100M	23 AWG STP Bulk Cable Optimized for Kramer DVI & HDMI Products
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BC-DGKat7a23-305M	23 AWG STP Bulk Cable Optimized for Kramer DVI & HDMI Products
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