BC-UNIKat

FourPair CAT6A U/FTP 4x2x23AWG Cable
Low Smoke & Halogen Free

The Kramer UNIKat cable is a unified CAT6a cable that handles all the latest technology signals. Over four individually screened twisted pairs, this U/FTP CAT6a cable runs Kramer's DGKat™ technology, 4K UHD HDBaseT™ technology or LAN applications and ensures optimum signal performance

FEATURES

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

Optimized for Kramer Hardware - Use with any of Kramer's wide range of twisted pair digital transmitterreceiver sets. Terminate with shielded transmitterreceiver sets (DGKat™ and HDBaseT) and shielded RJ45 connectors

HTBaseT Recommended - www.hdbaset.org/hdbaset-recommended-cables/

RJ-45 Connector - The larger diameter 23AWG twisted pair cable requires a special RJ45 connector, Kramer's CCRRJ45TP6

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

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Outer Diameter:	0.56± 0.01mm (0.022in)
Insulation Material:	Skin/foam/skin HDPE
Outer diameter:	1.33 ± 0.10mm (0.052in)
Color:	Per TIA/EIA 568B
Screening:	Alu/PET per pair (Alu side out)
Drain Wire:	90% tinned copper, outer diameter: 0.4 ± 0.01mm (0.016in)
Jacket:	LSHF, blue RAL5012
Thickness:	0.5mm (0.020in)
Diameter:	7.2 ± 0.2mm (0.284in)

PHYSICAL

Bending Radius:	Installation 60mm (2.36in), installed 50mm (1.97in)

REGULATORY

Fire Performance:	IEC 603321
Smoke Density:	IEC 61034
Halogen Free:	IEC 60754

ELECTRICAL

Propagation Velocity:	76%
Mutual Pair Capacitance:	42pF/m
Capacitance Unbalanced Pair/Ground:	1500pF/km
Max. Conductor DC Resistance:	<79.8/km
Pair Resistance Unbalance:	DC <1.5%
Dielectric Strength:	2.5kV DC (2s)
Insulation Resistance:	>5000M/km
Voltage Rating:	30V

PHYSICAL

CONFIGURATIONS

BC-UNIKat/LSHF-305M	23 AWG U/FTP CAT6A Bulk Cable Optimized for Kramer's DGKat, HDBaseT and LAN applications
BC-UNIKat/LSHF-500M	23 AWG U/FTP CAT6A Bulk Cable Optimized for Kramer's DGKat, HDBaseT and LAN applications