



# KRAMER

## C-UNIKAT

CAT6A U/FTP Video & LAN Cable Assemblies

| Ethernet - RJ-45 | DGKat | HDBaseT



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 (DGKat™ and HDBaseT)

**HDBaseT Recommended** - [www.hdbaset.org/hdbasetrecommendedcables/](http://www.hdbaset.org/hdbasetrecommendedcables/)

**High Quality Shielded RJ-45 Connectors** - 50u gold plated contacts

**Varied Selection of Length** - 1.8 to 60m (6, 10, 15, 25, 35, 50, 75, 100, 125, 150, 164, 200ft)



## TECHNICAL SPECIFICATIONS

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### 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)
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### 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



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## CONFIGURATIONS

C-UNIKat-6	FourPair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-10	FourPair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-15	FourPair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-25	FourPair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-35	FourPair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-50	FourPair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-75	FourPair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-100	FourPair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-125	FourPair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-150	FourPair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-164	FourPair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-200	FourPair CAT6A U/FTP 4x2x23AWG Cable