



C-UNIKAT

CAT6A U/FTP Video & LAN Cable Assembly

| Ethernet - RJ-45 | DGKat | HDBaseT



Kramer's C-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 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 transmitter-receiver sets (DGKat™ and HDBaseT)

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

Varied Selection of Length - 1.8 to 100m (6-328ft)



TECHNICAL SPECIFICATIONS

CONSTRUCTION	Conductors: 4 x 2 x 23AWG, annealed copper Outer Diameter: $0.56 \pm 0.01\text{mm}$ (0.022in) Insulation Material: Skin/foam/skin HDPE Outer diameter: $1.33 \pm 0.10\text{mm}$ (0.052in) Color: Per TIA/EIA 568-B Screening: Alu/PET per pair (Alu side out) Drain Wire: 90% tinned copper, outer diameter: $0.4 \pm 0.01\text{mm}$ (0.016in) Jacket: LSHF, blue RAL5012
Thickness:	$\geq 0.5\text{mm}$ (0.020in)
Diameter:	$7.2 \pm 0.2\text{mm}$ (0.284in)
PHYSICAL	Maximum Pulling Tension: 100N Bending Radius: Installation 60mm (2.36in), installed 50mm (1.97in) Thermal Characteristics: Storage/transport/installation 0° to 50°C (32° to 122°F), operation -20° to 60°C (-4° to 140°F)
REGULATORY	Electrical: ISO/IEC 11801 Fire Performance: IEC 60332-1 Smoke Density: IEC 61034 Halogen Free: IEC 60754
ELECTRICAL	Impedance: 1-100MHz : $100 \pm 15\Omega$ 100-250MHz : $100 \pm 20\Omega$ 250-500MHz : $100 \pm 50\Omega$ Propagation Velocity: 76% Mutual Pair Capacitance: $\leq 42\text{pF/m}$ Capacitance Unbalanced Pair/Ground: $\leq 1500\text{pF/km}$ Max. Conductor DC Resistance: $< 79.8\Omega/\text{km}$ Pair Resistance Unbalance: DC $< 1.5\%$ Dielectric Strength: 2.5kV DC (2s) Insulation Resistance: $> 5000\text{M}\Omega/\text{km}$ Voltage Rating: 30V



kramer

CONFIGURATIONS

C-UNIKat-2	Four-Pair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-3	Four-Pair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-6	Four-Pair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-10	Four-Pair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-15	Four-Pair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-25	Four-Pair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-35	Four-Pair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-50	Four-Pair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-75	Four-Pair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-100	Four-Pair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-125	Four-Pair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-150	Four-Pair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-164	Four-Pair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-200	Four-Pair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-230	Four-Pair CAT6A U/FTP 4x2x23AWG Cable
C-UNIKat-328	Four-Pair CAT6A U/FTP 4x2x23AWG Cable

