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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 - 0.6 to 60m (2, 3, 6, 10, 15, 25, 35, 50, 75, 100, 125, 150, 164, 200ft)



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TECHNICAL SPECIFICATIONS

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| CONSTRUCTION | Conductors: 4 x 2 x 23AWG, annealed copper 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 568-B 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 | 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 ± 15Ω 100-250MHz : 100 ± 20Ω 250-500MHz : 100 ± 50Ω Propagation Velocity: 76% Mutual Pair Capacitance: ≤42pF/m Capacitance Unbalanced Pair/Ground: ≤1500pF/km Max. Conductor DC Resistance: <79.8Ω/km Pair Resistance Unbalance: DC <1.5% Dielectric Strength: 2.5kV DC (2s) Insulation Resistance: >5000MΩ/km Voltage Rating: 30V |



CONFIGURATIONS

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|--------------|---------------------------------------|
| 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 |

