



KRAMER

C-UNIKAT

CAT6A U/FTP Video & LAN Cable Assembly

| Ethernet - RJ-45 | DGKat | HDBaseT



The Kramer 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)

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

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

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 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

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

REGULATORY

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|-------------------|-------------|
| Fire Performance: | IEC 60332-1 |
| 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: | <79.8Ω/km |
| Pair Resistance Unbalance: | DC <1.5% |
| Dielectric Strength: | 2.5kV DC (2s) |
| Insulation Resistance: | >5000MΩ/km |
| Voltage Rating: | 30V |

PHYSICAL



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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 |