C-UNIKAT

CAT6A U/FTP Video & LAN Cable Assembly

| Ethernet - RJ-45 | DGKat | HDBaseT

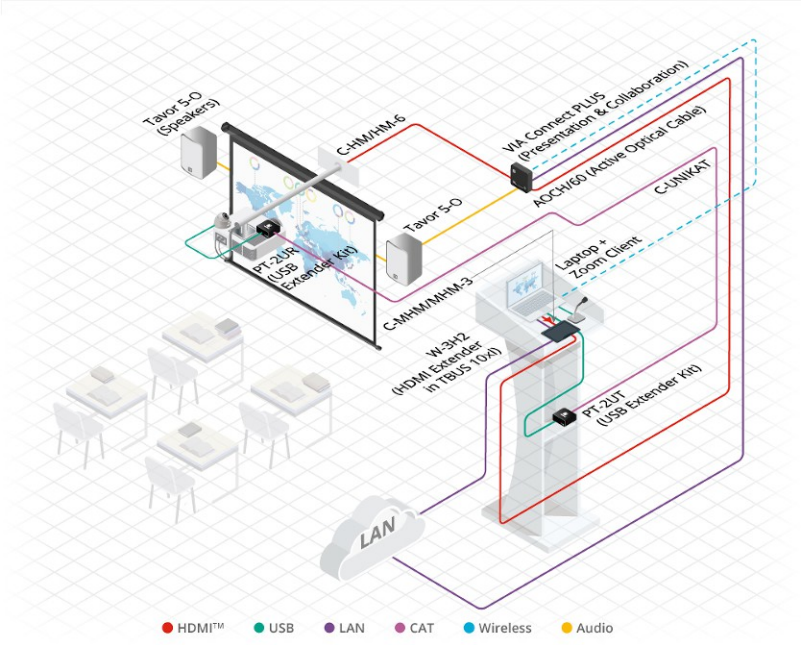
Kramer's C-UNIKAT cable is a unified CAT6a cable that handles all the latest technology signals. Over four individually screened twisted pairs, this U/FTP CAT6a cable runs Kramer's DGKat™ technology, 4K HDBaseT™ technology or LAN applications and ensures optimum signal performance

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± 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

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