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BCP-UNIKAT

CAT6A U/FTP Video & LAN Bulk Cable
Plenum Rated



BCPUNIKAT is a unified CAT6a plenum rated cable that handles all Pro AV and IT signals. Over four individually screened twisted pairs, this U/FTP CAT6A cable runs Kramer's DGKat™ technology, 4K HDBaseT™ technology or LAN applications to ensure optimal signal performance

FEATURES

Quality Construction - 4 shielded twisted pairs (U/FTP) of 23AWG solid copper conductors are cabled together in an unshielded plenumrated outer jacket

Optimized for Kramer Hardware - Use with any of Kramer's wide range of twisted pair digital transmitterreceiver sets. Terminate with shielded transmitterreceiver sets (DGKat™ and HDBaseT) and shielded RJ45 connectors

UL-CMP Rated

RJ-45 Connector - The larger diameter 23AWG twisted pair cable requires a special RJ45 connector. Use the KLAN CONRJ453

Varied Selection of Length - Available in pull boxes of 250, 500 and 1000ft (76 to 305m)



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TECHNICAL SPECIFICATIONS

SIZE:	4x2x23AWG
MATERIAL:	Annealed copper
DIAMETER:	0.59 ±0.01mm
MATERIAL:	FEP
DIAMETER:	1.45±0.10mm
COLOR CODE:	Blue/whiteblue, brown/whitebrown, orange/whiteorange, green/whitegreen
MATERIAL:	Alu/PET per pair (Alu side out)
MATERIAL:	Tinned copper
MATERIAL:	CMP PVC
DIAMETER:	0.4±0.01mm
COLOR:	Black
THICKNESS:	0.45mm
DIAMETER:	0.4 ±0.01mm
IMPEDANCE:	1100MHz: 100 ±15, 100250MHz: 100 ±20, 250500MHz: 100 ±25
PROPAGATION VELOCITY (NVP):	72%
VOLTAGE RATING:	30V
DELAY SKEW:	<42ns
MUTUAL PAIR CAPACITANCE:	42pF/m
CAPACITANCE UNBALANCE:	1500pF/km
CONDUCTOR DC RESISTANCE:	<79.8/km
PAIR RESISTANCE UNBALANCE DC:	<1.5%
DIELECTRIC STRENGTH:	2.5kV DC (2s)
INSULATION RESISTANCE:	>5000M/km
STORAGE / TRANSPORT / INSTALLATION:	0 to +50C
OPERATION:	20 to +60C
MAXIMUM PULLING TENSION:	100N
BENDING RADIUS - INSTALLED:	50mm
BENDING RADIUS - DURING INSTALLATION:	60mm
ELECTRICAL:	IEC 611565:2009 ISO/IEC 11801:2011

EN 50173
EN 50288
EIA/TIA 568C.2 : 2009
UL 444

FIRE
PERFORMANCE:

ULCMP (E308599)

ROHS:

2011 /65/EU



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CONFIGURATIONS

BCP-UNIKAT-250	23AWG U/FTP CAT6A Bulk Cable Optimized for Kramer's DGKat, HDBaseT and LAN Applications - Plenum Rated
BCP-UNIKAT-500	23AWG U/FTP CAT6A Bulk Cable Optimized for Kramer's DGKat, HDBaseT and LAN Applications - Plenum Rated
BCP-UNIKAT-1000	23AWG U/FTP CAT6A Bulk Cable Optimized for Kramer's DGKat, HDBaseT and LAN Applications - Plenum Rated