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Pro-Audio, Video & Data Cable

NETWORK & CONTROL CABLE

PRODUCTS / PRO-AUDIO, VIDEO & DATA CABLE / NETWORK CABLE / Heavy-duty, Ultra-low Skew UTP

Heavy-duty, Ultra-low Skew UTP



Heavy-duty, four-pair, unshielded, twisted-pair cable for component analog video transmission in portable or staging applications. Based on the LSK04, each pair in the LSK04HD is constructed from 23 gage solid copper and a precision 100Ω dielectric. For added strength and diameter, the LSK04HD has a unique double-jacket design. The inner jacket maintains the critical spacing of the twisted-pair elements, while the outer TPE jacket offers additional strength, durability, diameter, and abrasion resistance. Like the LSK04, the LSK04HD provides a consistent pair lay with a maximum time-delay differential of 2.2 nanoseconds (per 100m) between any two pairs. This minimized pair skew (or delay) allows for red, green, and blue video components to remain in sync, ensuring optimal picture quality and reliable video distribution.

FEATURES & BENEFITS

- Low 2ns Skew
- Four Pairs
- 23 Gage Solid Copper Conductors
- Heavy-duty Construction
- Double Jacket

APPLICATIONS

- RGB Analog Video Transmission
- Not Rated for Data Networking Applications
- For Portable or Staging Applications

Mechanical Specifications

Part #	# of Pairs	Conductors	Insulation	Pair Color Code	Inner Jacket (Type, OD)	Outer Jacket (Type, OD)	Weight
LSK04HD	4	23 AWG Solid BC	Polyethylene	White/Blue & Blue, White/Orange & Orange, White/Green & Green, White/Brown & Brown	Clear TPE, .195"	Black TPE, .260"	29 lbs/Mft
<i>Heavy-duty, Low-skew Four-pair UTP</i>							

Electrical Specifications

Part #	DCR Max	DCR Unbal. Max	Mutual Capac. Max	Char. Impedance	Prop. Delay (Skew) Max	Vel. of Prop.							
LSK04HD	28.6 Ω	5%	17 pF/ft	100 Ω	2.2 ns/100m	69%							
		Freq. (MHz)	0.772	1	4	8	10	16	20	25	31.25	62.5	100
		Insertion Loss (dB/100m)	1.7	1.9	3.9	5.5	6.2	7.9	8.9	10.0	11.3	16.3	21.2

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