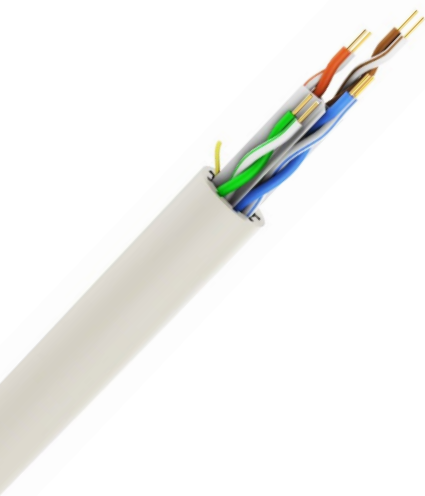


CAT6A UTP, 23AWG CU, WHITE LSZH, 100M



Application:

Premise Horizontal Cable, Gigabit Ethernet, 100BaseTX, 100BaseVG NTSC/PAL, Component or Composite Video, AES/EBU, Digital Video, RS-422, PoE



General

Cable Type	Category 6A
Operating Frequency	500MHz
Conductor	Solid Copper
Number of Pairs	4
Isolation Material	HDPE
Isolation Color	Blue, White/Blue; Orange, White/Orange; Green, White/Green; Brown, White/Brown
Separator	Yes
Rip Cord	Yes
Jacket Material	LSZH
Jacket Color	White
Print	Black ink. legible, cannot be wiped off by fingers
Packing	100M Pull Box

Dimensions

Conductor diameter	23 AWG	0.022 in	
Isolation diameter	1.00 mm	0.039 in	
Diameter over jacket	7.00 mm	0.276 in	
Pull box	Length	325 mm	12.8 in
	Width	325 mm	12.8 in
	Height	210 mm	8.3 in

Environmental & Mechanical

Operating Temperature	-40°C to + 70°C	
Bend Radius	Dynamic	57.2 mm Min.
	Static	25 mm Min.
Pull Tension	25 lbs Max.	
UV Resistance	ASTM D4329-92 (720hours UL1581)	

Electrical

Transmission Standards	ANSI/TIA-568.2-D ISO/IEC 11801 Class EA EN 50173-1	
Operating Voltage	80 V Max.	
Characteristic Impedance	100 ± 15 Ohms	
Conductor DC Resistance	80.0 Ohms / km	24.3 Ohms / kft
DC Resistance Unbalance	3 % Max.	
Dielectric Strength	1500 Vac 2500 Vdc Min.	
Mutual Capacitance	5.6 nF / 100m	1.7 nF / 100ft
Pair to Ground Capacitance Unbalance	160 pF / 100m	48 pF / 100ft
Velocity of Propagation	71 % Nominal	
Delay Skew	45 ns Max.	

Compliance

Applicable	RoHS2.0(2011/65/EU)
Reaction to fire	IEC 60332-1-2 EN 50575:2014+A1:2016 EN 13501-6(Eca)
Warranty	3 years (indoor)



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