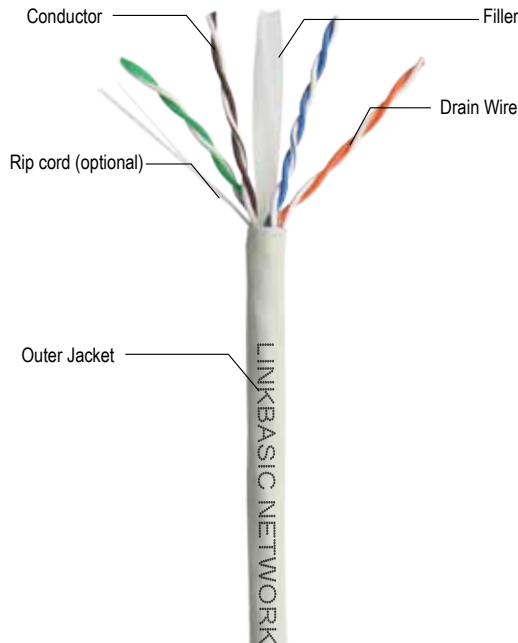


CAT 6A UTP SOLID CABLE

P/N:CLA04-UC6A

S/N:G02-001

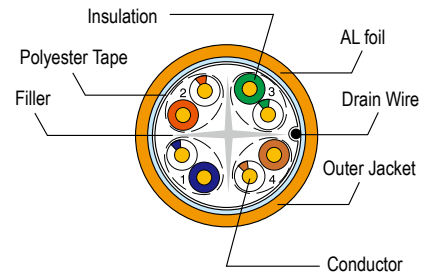
P/N: CLA04-UC6A



SOLID CABLE,CAT6A,UTP,4pairs, 23AWG,1000feet



Product picture



Cross section

P/N: CLA04-SC6

DESCRIPTION

- Rated temperature:70°C
- Reference standard:UL Subject 444, EIA/TIA 568B, 2-1& ISO/IEC 11801, IEC 61163
- Solid bare copper conductor
- Colour-coded PE insulation
- Rip cord (optional)
- PVC or LSZH jacket
- Paclaging: Reel,Reel in Box

APPLICATION

- 100 Base-T4
- 100Base-TX
- 100VG-AnyLAN
- 1000Base-T
- 1000Base-TX
- 155Mbps ATM
- 622Mbps ATM

MECHANICAL CHARACTERISTICS

Operating Temp. Range	-20~70°C
Max. Recommended Pulling Tension	110N
Min. Bend Radius (Install)	8 x O.D.
Flame Test	CMR

CONSTRUCTION

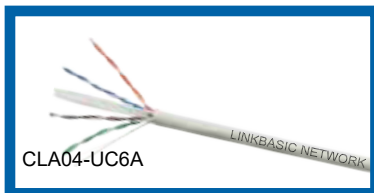
Structure	Construction	FTP
Insulation	Number of Pairs	4 Pair
	AWG	23AWG
	Conductor Dimension (mm)	0.57±0.005mm
	Solid or Stranded; Bare or Tinned	Solid Bare Copper
Insulation	insulation material	HDPE
	Insulation Dimension [mm]	1.02±0.05mm
	Number Colour (Ring or Strip marking)	1.White/Blue(Ring) & Blue 2.White/Orange(Nng) & Orange 3.White/Gem(Rhg) & Green 4.White/Brown(Ping) & Btuwn
Shield	Cross Filler	Yes
	Individual Sinield & Material	No
	Outer Shield & Material	Yes (AL Foil)
Outer Jacket	Drain Wire	Yes (Tinned Copper)
	Outer Jacket Material	PVC or LSZH
	Outer Jacket Ripcord	Based On Customer Requirements
	Overall Nominal Diameter (mm)	6.40

CAT 6A UTP SOLID CABLE

P/N:CLA04-UC6A

ELECTRICAL CHARACTERISTICS

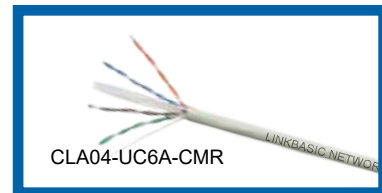
Max. Mutual Capacitance @ kHz	≤5.6 nF/100M
Max. Capacitance unbalance (pF/ 100m)	≤330pF /100M(Per TIA/EIA-568B.2)
Nominal Velocity of Propagation	≤160pF /100M(Per IEC 61156)
Max. Delay Skew (ns/100m)	64%
Max. Conductor DC Resistance @ 20 Deg. C	≤45ns/100M
Max. DC Resistance unbalance @ 20 Deg. C	9.5Ω /100M (23AWG)
Mni. Insulation Resistance (MΩ/ k m)	≤5%(per TIA/EIA-568B.2)
Max. Operating Voltage-UL	≤2%(per IEC 61156-5)
	5000
	300V



Cat 6A UTP solid cable
RAL 7035



Cat 6A UTP solid cable
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TIA/EIA 568-B.2 ELECTRICAL CHARACTERISTICS

Frequency (MHz)	Input Impedance (Ohms)	ATT (DB/100m)	RL (Db)	NEXT (Db)	PSNEXT (Db)	ELFEXT (Db/100m)	PSELFEXT (Db/100m)	TCL (Db)	DELAY (Ns/100m)	PSANEXT (Db)	PSACCRF (Db)
16	100±15	7.5	20	54.2	54.2	43.7	40.7	38.0	543.0	67.0	54.1
20	100±15	8.4	20	52.8	52.8	41.8	38.8	37.0	542.0	67.0	52.2
31.25	100±15	10.5	18.6	50	49.0	37.9	34.9	35.1	540.4	67.0	48.3
125	100±20	21.5	14.4	40.8	40.8	25.9	22.9	29.0	537.2	61.0	36.3
250	100±22	31.1	12.3	36.3	36.3	19.8	16.8	26.0	536.3	56.5	30.2
300	100±25	34.3	11.8	35.1	35.1	18.3	15.3	25.2	536.1	55.3	28.7
400	100±25	40.1	10.9	33.3	33.3	15.8	12.8	24.0	535.8	53.5	26.2

ORDER INFORMATION

Part number	Description	AWG	Standard color	Packing Type	Carton	Carton measurement	Carton weight
CLA04-UC6A	Cat 6A UTP solid cable	23AWG	RAL7035	Reel	305m(1000ft)	Φ38cm × H27.5cm	16.30KG
CLA04-UC6A-CMR	Cat 6A UTP solid cable	23AWG	RAL7035	Reel	305m(1000ft)	Φ38cm × H27.5cm	16.30KG
CLA04-UC6A-LSZH	Cat 6A UTP solid cable	23AWG	RAL7035	Reel	305m(1000ft)	Φ38cm × H27.5cm	16.00KG