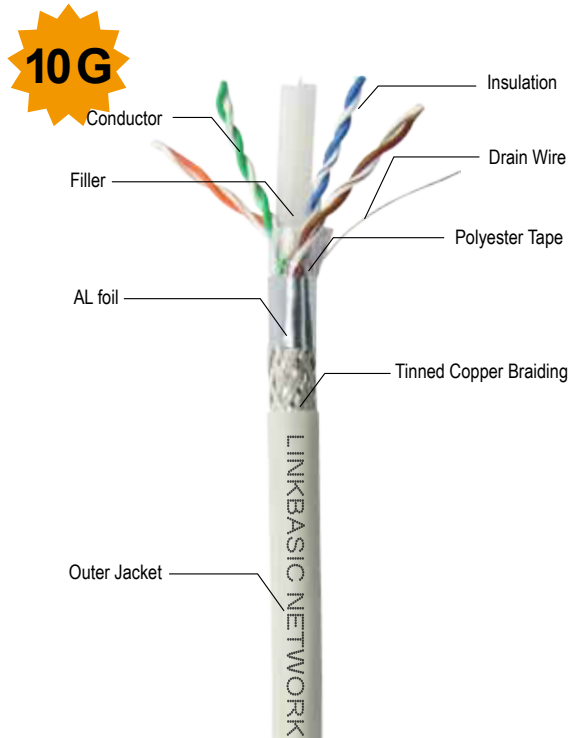


CAT 6A SOLID CABLE

P/N:CLA04-SFC6A

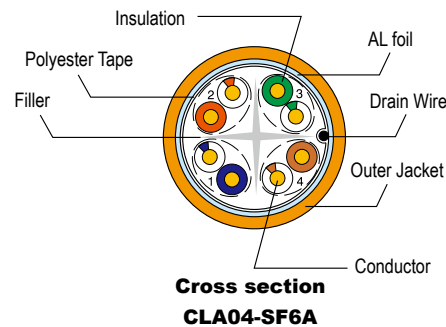
S/N:G01-002



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



Product picture



## DESCRIPTION

- Rated temperature:70°C
- Reference standard:UL Subject 444, EIA/TIA 568B.2-10 & ISO/IEC 11801, IEC 61156
- Solid bare copper conductor
- Colour-coded PE insulation
- Rip cord (optional)
- PVC or LSZH jacket
- Packaging: Reel,Reel in Box

## APPLICATION

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

## CONSTRUCTION

Structure	Construction	FTP
	Number of Pairs	4 Pair
	AWG	23AWG
	Conductor Dimension (mm)	0.575±0.005mm
	Solid or Stranded; Bare or Tinned	Solid Bare Copper
Insulation	insulation material	HDPE
	Insulation Dimension [mm]	1.15±0.08mm
	Number Colour (Ring or Strip marking)	1.White/Blue(Ring) & Blue 2.White/Orange(Nng) & Oange 3.White/Gem(Rhg) & Green 4.White/Brown(Ping) & Btuwn
	Cross Filler	Yes
Shield	IndividualShield & Material	No
	Outer Shield & Material	Yes (AL Foil)
	Drain Wire	Yes (Tinned Copper)
Outer Jacket	Outer Jacket Material	PVC or LSZH
	Outer Jacket Ripcord	Based On Customer Requirements
	Overall Nominal Diameter (mm)	8.10 ± 0.3



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# CAT 6A SYSTEM PRODUCTS

## CAT 6A SOLID CABLE

P/N:CLA04-SFC6A

### ELECTRICAL CHARACTERISTICS

MAX. Mutual Capacitance @ kHz	≤5.6 nF 11 DOM
MAX. Capacitance unbalance (pF/ 100m)	≤330pF /100M
Nominal Velocity of Propagation	60%
Max. Delay Skew (ns/100m)	45ns/100M
Max. Conductor DC Resistance @ 20 Deg. C	9.5Ω /100M (23 AWG)
Max. DC Resistance unbalance @ 20 Deg. C	≤5%
Mni. Insulation resistance (MΩ/ k m)	5000
Max. Operating Voltage-UL	300V

### MECHANICAL CHARACTERISTICS

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



Cat 6A FTP solid cable  
RAL 7035

### 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-SFC6A	Cat 6A SFTP solid cable	23AWG	RAL7035	Reel	305m(1000ft)	Φ38cm × H27.5cm	23.85KG



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CAT 6A SOLID CABLE  
Copper solution