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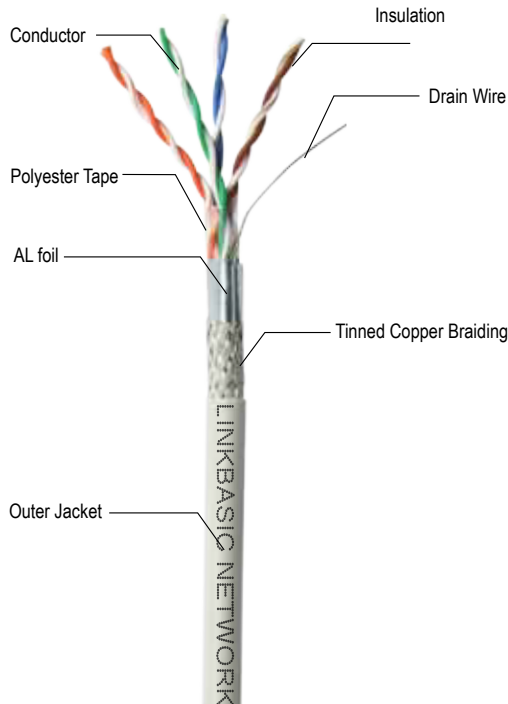
# CAT 5E FTP SYSTEM PRODUCTS

CAT 5E FTP SOLID CABLE

P/N: CLA04-SFC5E

S/N: C05-002

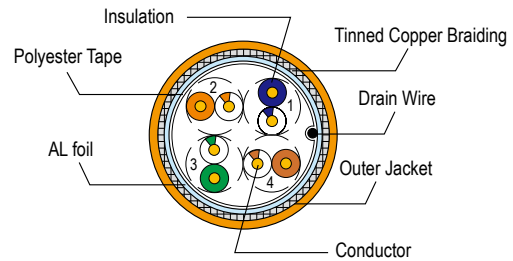
P/N: CLA04-SFC5E



SOLID CABLE,CAT5E,SFTP,4pairs, 24AWG,1000feet



Product picture



Cross section

P/N: CLA04-SFC5E

## DESCRIPTION

- Rated temperature:70℃
- Reference standard:UL Subject 444, EIA/TIA 568B, 2-1& ISO/IEC 11801, IEC 61161
- 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	24AWG
	Conductor Dimension (mm)	0.515
Insulation	Solid or Stranded; Bare or Tinned	Solid Bare Copper
	insulation material	HDPE
	Insulation Dimension (mm)	1.03
	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	No
	IndividualShield & Material	No
	Outer Shield & Material	Yes (AL Foil)
Outer Jacket	Drain Wire	Yes (Tinned Copper)
	Outer Jacket Material	PVC or LSZH
	Outer Jacket Ripcord	Per customer request
	Overall Nominal Diameter (mm)	6.2 ± 0.3

Cat 5E FTP solid cable  
Copper solution



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CAT 5E FTP SOLID CABLE

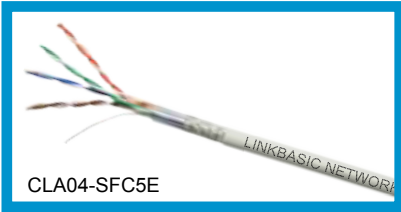
P/N: CLA04-SFC5E

### 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)	65%
Max. Conductor DC Resistance @ 20 Deg. C	≤45ns/100M
Max. DC Resistance unbalance @ 20 Deg. C	9.38Ω /100M (24AWG)
Min. Insulation Resistance (MΩ/ k m)	≤5%(per TIA/EIA-568B.2)
Max. Operating Voltage-UL	≤2%(per IEC 61156-5)
	5000
	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



CLA04-SFC5E

Cat 5E 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)	PD (Ns/100m)
0.772	100±15	1.8	-	67.0	64.0	-	-	-
1	100±15	2.0	20.0	65.3	62.3	63.8	60.8	570.0
4	100±15	4.1	23.0	56.3	53.3	51.8	48.8	552.0
8	100±15	5.8	24.5	51.8	48.8	45.7	42.7	546.7
10	100±15	6.5	25.0	50.3	47.3	42.8	40.8	545.4
16	100±15	8.2	25.0	47.2	44.2	39.7	36.7	543.0
20	100±15	9.3	25.0	45.8	42.8	37.8	34.8	542.0
25	100±15	10.4	24.3	44.3	41.3	35.8	32.8	541.2
31.25	100±15	11.7	23.6	42.9	39.9	33.9	30.9	540.4
62.5	100±15	17.0	21.5	38.4	35.4	27.9	24.9	538.6
100	100±15	22.0	20.1	35.3	32.3	23.8	20.8	537.6

### ORDER INFORMATION

Part number	Description	AWG	Standard color	packing Type	Carton	Carton measurement	Carton weight
CLA04-SFC5E	Cat 5E SFTP Solid Cable	24AWG	RAL7035	Reel	305m(1000ft)	Φ38cm × H27.5cm	19.90KG



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