

4 TWISTED PAIR CAT8 CABLE



[DESCRIPTION]

- With High quality Electrical and Mechanical performance Cat.8.2 Solid Cable
- Reference Standard: IEC61156-5、 ISO/IEC 11801、 UL Subject 444、 YD/T1019

[PRODUCT FEATURES]

- High Level Solid cable for Data Center
- Application for maximum 30m link length in 40GBase-T application data center of EoR / ToR
- Applications for digital and analog voice video and data signal transmission
- Suitable for all applications up to 2000MHz ICT network
- Suitable for Ethernet(PoE / PoE+) power supply
- Through the separate wire pair shielding and overall copper mesh braided shielding to achieve effective shielding
- Compact cable design
- Compatible with all currently compatible hardware for EN 50173 and ISO/IEC 11801

[ELECTRICAL CHARACTERISTICS]

Nom. mutual capacitance	$\cong 5.6 \text{ nF}/100\text{m} (@1\text{kHz})$
Pair to ground capacitance unbalance	$\cong 1200 \text{ pF}/100\text{m}$
Nominal velocity of propagation	74%
Max. delay skew	25 ns/100m
Max. conductor DC resistance	7.0 Ω /100m (@ 20 °C)
Min. insulation resistance	5000 M Ω .km

[CONSTRUCTION]

Structure	Construction	S/FTP
	Number of Pairs	4 Pairs
Conductor	AWG	22 AWG
	Conductor material	Solid bare copper
Insulation	Insulation material	Foam PE
Shield	Individual shield & material	AL-Foil
	Primary overall shield & material	AL-MG alloy wire braid
	Overall nominal dimension	8.50 \pm 0.30 mm

[MECHANICAL CHARACTERISTICS]

Operating temperature range	-20 °C ~ +75 °C
Max. recommended pulling tension	110N
Min. bend radius (install)	8x O.D.

[ORDER INFORMATION]

Part number	Description	AWG	Packing Type	Length
Length	CAT8 FTP solid cable	22AWG	Reel	305m(1000ft)
CLA04-SFC8-LSZH	CAT8 FTP solid cable,LSZH	22AWG	Reel	305m(1000ft)