ZORA Cat 6A FTP 4P LSZH Cable

ZORA Cat6A FTP 4P Lszh cables have significant performance margins, far exceeding your high-performance requirements for network cabling systems. All components in the system meet the requirements of ANDI/TIA 568.2-D Cat 6A standards, with a maximum usable bandwidth of over 500MHz. The system is backward compatible with ZORA Cat 6 systems, and a 25-year quality assurance eliminates your worries.



ZORA CAT6A FTP 4P LSZH Cable Features

1、Structure: The cable adopts a unique internal cross-bone design, which is better at ensuring the outer diameter, and effectively improves the electrical performance of NEXT, FEXT, and so on.

2、Copper material: domestic high-quality oxygen-free copper;

3、Wire：Adopting international popular and advanced tightly wrapped wire;

4、Transmission bandwidth: 500MHz; DC resistance of single conductor: ≤9.5Ω/100m; DC resistance imbalance: ≤2.5%;

5、stranding distance: the cable has a precision stranding distance;

6、With the help of aluminum foil shielding layer and tinned copper wire, to achieve excellent shielding effect, with very high anti-interference ability and confidentiality performance;

7、Sheath: the outer sheath is PVC material or LSZH material, the inner sheath is flame retardant polyethylene;

8、Provide cable length marking to reduce waste.

Reference Standard

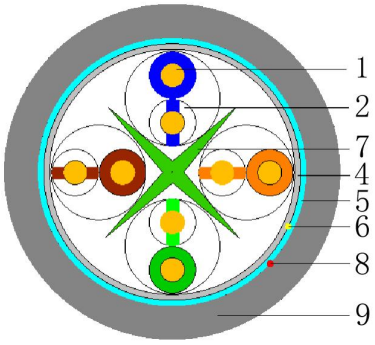
YD/T1019

ANSI/TIA 568.2-D

ISO/IEC 11801

IEC 61034-2

Construction		
1.Conductor	Solid bare copper 23AWG	
2.Insulation（mm）	HDPE 1.12±0.08	
3.Color Code	White-Blue(Stripe)/Blue White-Orange(Stripe)/Orange White-Green(Stripe)/Green White-Brown(Stripe)/Brown	
4.Wrapping（mm）	PET tape0.02	
5.Screen（mm）	Al foil0.06	
6.Drain wire（mm）	Tinned copper 0.4	
7.Cross	Yes	
8.Rip cord	Yes	
9.Jacket（mm）	Material	LSZH
	Nom.thickness	0.5
	Color	gray
	Nom.diameter	7.5±0.5



Mechanical characteristics	
Operating temperature	-20~75℃
Installation temperature	0~75℃
Tensile strength.Max	100N
Bending radius	8D
Flame resistant	IEC 61034-2
Length of Delivery	305m/box

Electrical characteristics(20℃)	
Conductor resistance .Max	8Ω/100m
Conductor resistance unbalance .Max	2.0%
Insulation resistance(DC 500V/1 min) .Min	5000MΩ·km
Dielectric strength（C-C, .DC.1min)	1kV
Mutual capacitance .Max	5.6nF/100m

Performance Statistics

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)	Delay (ns/100m)	RL (dB)
4	4.2	63.0	60.5	51.2	48.2	562	19.0
8	5.8	58.2	55.6	45.2	42.2	557	19.0
10	6.5	56.6	54.0	43.3	40.3	555	19.1
16	8.2	53.2	50.6	39.2	36.2	553	18.0
20	9.2	51.6	49.0	37.2	34.2	552	17.5
25	10.2	50.0	47.3	35.3	32.3	551	17.0
31.25	11.5	48.4	45.7	33.4	30.4	550	16.5
62.5	16.4	43.4	40.6	27.3	24.3	549	14.0
100	20.9	39.9	37.1	23.3	20.3	548	12.0
200	30.1	34.8	31.9	17.2	14.2	547	9.0
250	33.9	33.1	30.2	15.3	12.3	546	8.0
300	37.4	31.7	28.8	13.7	10.7	546	7.2
400	43.7	28.7	25.8	11.2	8.2	546	6.0
500	49.3	26.1	23.2	9.3	6.3	546	6.0