



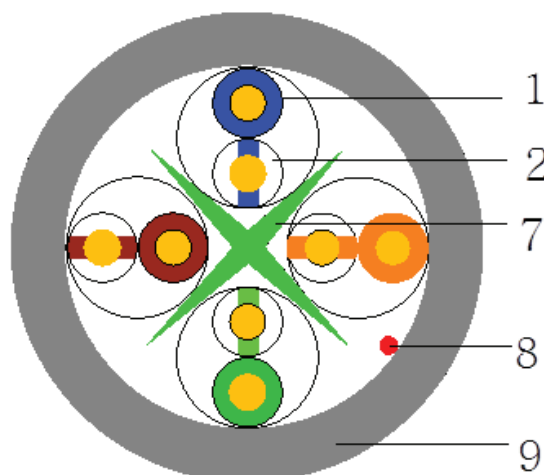
**VOKSEL KABEL**

# LAN CABLE

Cable type: CAT6 UTP 4P 23AWG

- Reference standard: ANSI/TIA 568C & YD/T1019
- Application: For indoor network cabling systems, including 10/100/1000 Base-T, performance to meet the standard requirements
- Rated voltage: 30V

Construction		
1. Conductor (mm)	Solid bare copper 0.57±0.01	
2. Insulation (mm)	HDPE 1.0±0.08	
3. Color Code	White-Blue(Stripe)/Blue White-Orange(Stripe)/Orange White-Green(Stripe)/Green White-Brown(Stripe)/Brown	
4. Wrapping (mm)	-----	
5. Screen (mm)	-----	
6. Drain wire (mm)	-----	
7. Cross	Yes	
8. Rip cord	630D	
9. Jacket (mm)	Material	PVC
	Nom. thickness	0.5
	Color	Grey
	Nom. diameter	6.0±0.5
Printing	VOKSEL ANSI/TIA 568C.2 CAT.6 UTP 4P 23 AWG MADE IN INDONESIA	



Mechanical characteristics	
Operating temperature	-20~75°C
Installation temperature	0~75°C
Tensile strength.Max	60N
Bending radius	50mm
Flame resistant	---
Length of Delivery	305m/box
Net.weight	11.9kg
Gross.weight	12.7kg

Electrical characteristics(20°C)	
Conductor resistance .Max	9.5Ω/100m
Conductor resistance unbalance .Max	2.5%
Insulation resistance(DC 500V/1 min) .Min	5000MΩ·km
Dielectric strength (C-C, .DC.1min)	1kV
Mutual capacitance .Max	5.6nF/100m

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)	Delay (ns/100m)	Return Loss (dB)
1	2.0	74.3	72.3	67.8	64.8	570.0	20.0
4	3.8	65.3	63.3	55.8	52.8	552.0	23.0
8	5.3	60.8	58.8	49.7	46.7	546.7	24.5
10	6.0	59.3	57.3	47.8	44.8	545.4	25.0
16	7.6	56.2	54.2	43.7	40.7	543.0	25.0
20	8.5	54.8	52.8	41.8	38.8	542.0	25.0
25	9.5	53.3	51.3	39.8	36.8	541.2	24.3
31.25	10.7	51.9	49.9	37.9	34.9	540.4	23.6
62.5	15.4	47.4	45.4	31.9	28.9	538.6	21.5
100	19.8	44.3	42.3	27.8	24.8	537.6	20.1
200	29.0	39.8	37.8	21.8	18.8	536.5	18.0
250	32.8	38.3	36.3	19.8	16.8	536.3	17.3

