



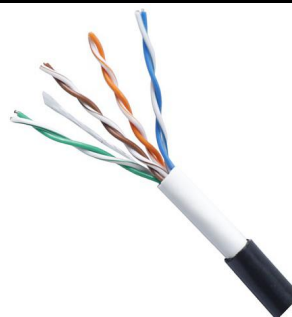
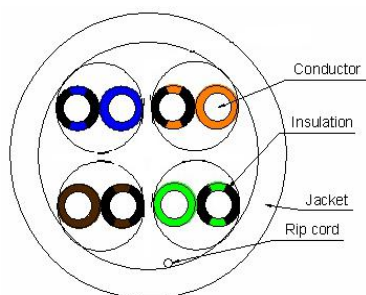
# HANGZHOU FOB ELECTRONIC CO.,LTD

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**Cable Type:LAN CABLE UTP CAT5E OUTDOOR**

## Product Structure



## Physical Dimensions

Construction	Detail Specification
Inner Conductor	0.5mm (23AWG) Bare Copper
Insulation	0.91+/-0.02mm HDPE
4 Pairs	1.(White)(Blue)/(Blue) 2.(White)(Green)/(Green) 3.(White)(Brown)/(Brown) 4.(White)(orange)/(Orange)
Cross	
Inner Jacket	5.0±0.15mm Grey PVC Jacket
Outer Jacket	6.0±0.15mm Black PE Jacket

## Electrical Characteristics

Characteristic Impedance (1~1000MHz)	100±15 Ohm
Conductor D.C. Resistance	≤9.5 Ω/100m
Transmission Speed	0.65C
Capacitance	≤5.6 nF/100m

Operating Temp range: -20°C ~ +70°C

Frequency (Mhz)	RL (dB)	ATTN (/dB)	NEXT (dB)	PSNEXT (dB)	ELFEXT(dB)	SELFEXT(dB)
1	20.0	2.0	65.3	62.3	63.8	60.8
4	23.0	4.1	56.3	53.3	51.8	48.8
8	24.5	5.8	51.8	48.8	45.7	42.7
10	25.0	6.5	50.3	47.3	43.8	40.8
16	25.0	8.2	47.2	44.4	39.7	36.7
20	25.0	9.3	45.8	42.8	37.8	34.8
25	24.3	10.4	44.3	41.3	35.8	32.8
31.25	23.6	11.7	42.9	39.9	33.9	30.9
62.5	21.5	17.0	38.4	35.4	27.9	24.9
100	20.1	22.0	35.3	32.3	23.8	20.8