



# HANGZHOU FOB ELECTRONIC CO.,LTD

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**Cable Type:LAN CABLE FTP CAT6**

## Product Structure



## Physical Dimensions

Construction	Detail Specification
Inner Conductor	0.57mm (23AWG) Bare Copper
Insulation	1.14+/-0.02mm HDPE
4 Pairs	1.(White)(Blue)/(Blue) 2.(White)(Green)/(Green) 3.(White)(Brown)/(Brown) 4.(White)(orange)/(Orange)
Separator	
Shield	PET Foil + Aluminum Foil
Outer Jacket	7.0±0.2mm Jacket PVC / LSZH / PE

## Electrical Characteristics

Characteristic Impedance (1~1000MHz)	100±15 Ohm
Delay Skew(ns/100m)	≤45
Transmission Speed	0.6C
Capacitance	≤5.6 nF/100m

Operating Temp range: -20℃~ +70℃

Frequency (MHz)	Return Loss dB/100m	Attenuation dB/100m	NEXT dB/100m	PHASE DELAY ns/100m	PSNEXT dB/100m	ELFEXT dB/100m	PSELFEXT dB/100m
1	20.0	2.1	74.3	570.0	72.3	67.8	64.8
4	23.0	3.8	65.3	552.0	63.3	55.8	52.8
8	24.5	5.3	60.8	546.7	48.8	49.7	46.7
10	25.0	5.9	59.3	545.4	57.3	47.8	44.8
16	25.0	7.5	56.2	543.0	54.2	43.7	40.7
20	25.0	8.4	54.8	542.1	52.8	41.8	38.8
25	24.3	9.4	53.3	541.2	41.3	39.8	36.8
31.25	23.6	10.5	51.9	540.4	49.9	37.9	34.9
62.5	21.5	15.0	47.4	538.6	45.4	31.9	28.9
100	20.1	19.1	44.3	537.6	42.3	27.8	24.8
200	18.0	27.6	39.8	536.5	37.8	21.8	18.8
250	17.3	31.1	38.3	536.3	36.3	19.8	16.8