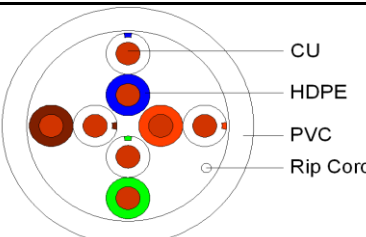


UTP CABLE FL-U5E

Description	UTP cable, 4 pair , unshielded, indoor	
Standard	EIA/TIA568A、ISO/IEC11801	
Application	ISDN、10Base-T、1000Base-T4、100Base-TX	
Cable Marking	FL-U5E FRONTLINE -- UTP CAT.5E -- ISO 9002 CE ROHS 001m(001m---305m)	

Construction

Conductor	CCA	Insulation colors	Blue,White/Blue	Rip Cord	yes
Conductor Dia.	0.45mm +/- 0.01		Orange,White/Orange	Jacket	PVC
Insulation	HDPE		Green,White/Green	Jacket Colors	white
Insulation Dia.	0.95mm		Brown,White/Brown	Jacket Out Dia.	5.5mm
Twisting Lay Length	≤23mm			Average Thickness	0.53±0.05mm

Electrical Characteristics

Frequency(MHz)	ATT (≤dB/100m)	NEXT (≥dB)	ELFEXT (≥dB)	RL (≥dB)	PS NEXT (≥dB)
1	2.0	65.3	63.8	20.0	62.3
4	4.1	56.3	51.7	23.0	53.3
8	5.8	51.8	45.7	24.5	48.8
10	6.5	50.3	43.8	25.0	47.3
16	8.2	47.3	39.7	25.0	44.3
20	9.3	45.8	37.7	25.0	42.8
25	10.4	44.3	35.8	24.3	41.3
31.25	11.7	42.9	33.9	23.6	39.9
62.5	17.0	38.4	27.8	21.5	35.4
100	22.0	35.3	23.8	20.1	32.3
Impedance (1to100MHz)		100±10 Ohm	Twisted Pair DC Resistance 20℃		≤48(ohms/100m)
Capacitance 1kHz		44pF/km	Resistance Unbalance		≤3%
Capacitance unbalance		100pF/100m	Insulation Resistance		5000MΩ.KM

Cable Packing

Cable packing in carton Pull-Out boxes	Cable lenght in box 305meter
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