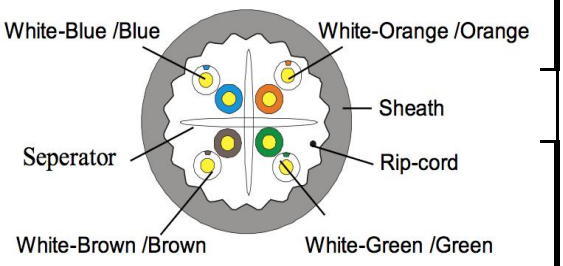
Hangzhou Risingsun Cable Co., Ltd

U/UTP 4Pairs cable– Category 6A

Category	U/UTP CAT6A–4P–PVC
Standard	ISO/IEC11801、TIA–568–C.2 、YD/T1019
Carton Dimensior	40.5*40.5*21CM
Cable Packing	Woodne Tray & Carton



Construction

Conductor	Solid–Bare Copp	Insulation colors	Blue,White/Blue	Rip Cord	yes
Conductor Dia.	0.50mm±0.01		Orange,White/Oran	Jacket	PVC-Eca
Insulation	HDPE		Green,White/Green	Jacket Colors	According to requires
Insulation Dia.	0.87±0.03mm		Brown,White/Brown	Jacket Out Dia.	5.8±0.4mm
Drain wire	no	Shielded	no	Average Thickne	0.5±0.1mm
Seperator	yes	Shielded	no		

Electrical Characteristics

Frequency(MHz)	ATT （≤dB/100m	NEXT （≥dB)	ELFEXT （≥dB)	RL （≥dB)	PS NEXT （≥dB)
1	2.03	74.3	67.8	20.0	64.8
4	3.78	65.3	55.8	23.0	52.8
8	5.32	60.8	49.7	24.5	46.7
10	5.95	59.3	47.8	25.0	44.8
16	7.55	56.2	43.7	25.0	40.7
20	8.47	54.8	41.8	25.0	38.8
25	9.51	53.3	39.8	24.3	36.8
31.25	10.67	51.9	37.9	23.6	34.9
62.5	15.38	47.7	31.9	21.5	28.9
100	19.80	44.3	27.8	20.1	24.8
200	28.98	39.8	21.8	18.0	18.8
250	32.85	38.3	19.8	17.3	16.8
300	34.30	37.1	18.3	16.8	15.3
500	45.30	33.8	13.8	15.2	10.8

Impedance(1–250MHz)	100±15 Ohm	DC Conductor Resistance (Ω/100m) r	9.5
Delay Shew ns/100m (1–250MHz	≤45	DC Resistance Unbalance(%) max	5.0
Capacitance(nF/100m) max	5.6	NVP	69%

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