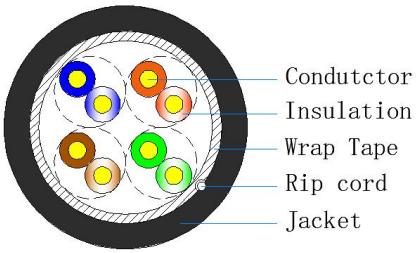
Hangzhou Risingsun Cable Co., Ltd

RISINSUN

U/UTP 4Pairs Cable Category 5E-PVC-Eca

Category	U/UTP CAT5E-4P-PVC -Eca
Standard	ISO/IEC11801、TIA-568-C.2 、YD/T1019
Carton Dimension	35*35*20CM
Cable Packing	Wooden Tray & Carton



Construction

Conductor	Copper Covered Alumium	Insulation colors	Blue,White/Blue	Rip Cord	yes
Conductor Dia.	0.50mm±0.005		Orange,White/Orange	Jacket	PVC Eca
Insulation	HDPE		Green,White/Green	Jacket Colors	Multiple
Insulation Dia.	0.9mm±0.03		Brown,White/Brown	Jacket Out Dia.	5.0mm±0.3mm
Drain wire	NO	Rip-cord	Yes	Average Thickness	0.55±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(1-100MHz)	100±15 Ohm	DC Conductor Resistance (Ω/100m) ma	9.5
Delay Shew ns/100m (1-100MHz)	≤45	DC Resistance Unbalance(%) max	5.0
Capacitance(nF/100m) max	5.6	NVP	69%

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