



# Hangzhou Risingsun Cable Co., Ltd

## Applications

Closed-circuit television system  
CATV system  
Multi-media cable for Smart Home

## Cat5e U/UTP With Power Cable

Construction:	Material	Diameter(mm)
Conductor	Bare Copper	4×2×0.50±0.005
Insulation	High Density Polyethylene	0.88±0.03
Rip Cord		YES
Jacket	PVC	5.0±0.4
Power Cable	Stranded Bare Copper	2×24×0.20

## Electrical Characteristics:

Capacitance(pF/m)	5.6
Impedance(Ω)	100±15
DC Conductor Resistance (Ω/100m) max	9.5
DC Resistance Unbalance(%) max	5
NVP	69%
Delay Shew ns/100m (1-100MHz)	≤45

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

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