



Hangzhou Risingsun Cable Co., Ltd

Applications

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

Cat6 U/UTP With Power Cable

Construction:	Material	Diameter(mm)
Conductor	Bare Copper	4×2×0.57±0.005
Insulation	High Density Polyethylene	1.02±0.03
Rip Cord		YES
Separator		YES
Jacket	PVC	6.2±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	2.03	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

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