



# Hangzhou Risingsun Cable Co., Ltd

## Applications:

Horizontal LAN 10/100/1000BaseT Ethernet, Audio, Video, Infrared, IP Control, CATV, DBS, Balun infrastructure, Voice, Voice over IP, PoE, HDBaseT, Analog and Digital Media, Baseband video, security video, digital audio

## 2RG6+2Cat6 UTP

## Combo Cable

## Construction:

2RG6+2CAT6 UTP 23AWG

## Electrical Characteristics:

Capacitance(pF/m)	52±2
Impedance(Ω)	75±3(RG6), 100±15(CAT6)
Velocity of Propagation(%)	85
Return Loss(dB)	≥20
Shielding Effectiveness(dB)	>70
Spark Test(VAC)	4000
Operating Temp Range(°C)	-40 to 85

## Attenuation ( 20 °C )

Frequency(Mhz)	Max Attenuation(dB/100ft)	Max Attenuation(dB/100m)
5	0.58	1.90
55	1.60	5.25
187	2.85	9.35
300	3.55	11.64
450	4.40	14.43
600	5.10	16.73
750	5.65	18.54
865	6.10	20.01
1000	6.55	21.49
1450	8.46	27.73
2200	9.73	31.92
3000	11.40	37.50

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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