



# 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

## Construction:

**RG6 With Cat5e UTP  
Siamese Cable**

RG6+CAT5E UTP 24AWG

## Electrical Characteristics:

Capacitance(pF/m)	52±2
Impedance(Ω)	75±3(RG6), 100±15(CAT5E)
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	2.0	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

**HANGZHOU RISINGSUN CABLE CO.,LTD**

Add:1188 Jinxi Rd.s Linglong Industrial Zone Lin'an,Zhejiang,China

Tel: 86-571-63766698 Fax:86-571-63766808

Web:www.rscable.com