



Hangzhou Risingsun Cable Co., Ltd

Applications

Volume Control single pull cable infrastructure 16 AWG supports up to 100w at 50 feet, Low cost economical UTP for IR and control hookup Class 2 and Class 3 low voltage power Instrumentation and Control

4Conductor Speaker

+CAT5E UTP

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	5.3±0.4
Conductor	Stranded Bare Copper	16AWG
Insulation	PVC	2.30
Overall Jacket	PVC	10.0

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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