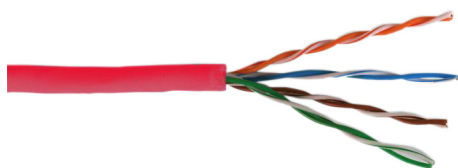


# CAT 5E UTP Cable

pro-POWER

RoHS  
Compliant



## Specifications:

### Designed of cable

Inner conductor : Single Bare Copper (0.485mm ±0.005mm)  
 Insulation : HDPE  
 Insulation Dia : 0.85mm ±0.05mm  
 Core colour : White-Blue; White-Orange; White-Green & White-Brown  
 Jacket Material : PVC  
 Colour : Red  
 Size : 4.8mm ±0.2mm  
 Wall thickness : 0.5mm

### Electric data at 20°C

Conductor resistance : ≤110Ω/kM  
 Insulation resistance : ≥5,000M Ω × kM  
 Testing voltage : wire/wire 50Hz 1min=1.5kV  
 Permissible temperature : -10°C to 60°C

### Other Electric data:

Frequency	Impedance	RL	ATT	NEXT	ELFEXT	PSNEXT	PSELFEXT	SKW	NVP
Mhz	ohm	≥dB/100M	≤dB/100M	≥dB/100M	≥dB/100M	≥dB/100M	≥dB/100M	≤ns/100M	
1	100±15	20	2.04	65.3	63.8	62.3	60.8	≤45	66%
4		23	4.1	56.3	51.7	53.3	48.7		
10		25	6.5	50.3	43.8	47.3	40.8		
16		25	8.2	47.3	39.7	44.3	36.7		
20		25	9.3	44.5	37.7	42.8	34.7		
31.25		23.6	11.6	42.9	33.9	39.9	30.9		
62.5		21.5	17	38.4	27.8	35.4	24.8		
100		20.1	22	35.3	23.8	32.3	20.8		

### Part Number Table

Description	Part Number
CAT 5E Cable UTP Red, 305m	CAT5ERED305

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