

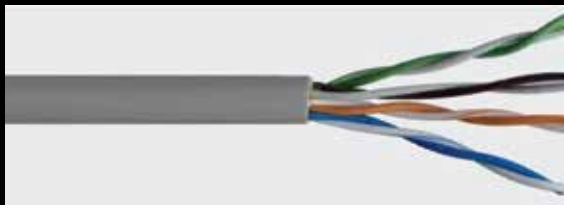
# CB-RG-UTPCAT5E

UTP CAT5E Cable



**RANGER**  
AUTOMATION • REVOLUTION

Cable Available Length : **305 Meters**

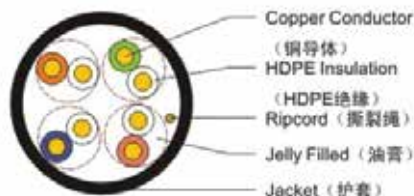
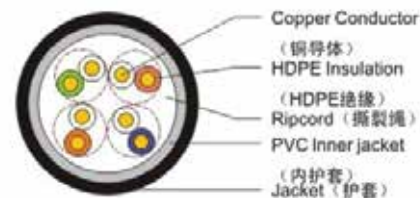
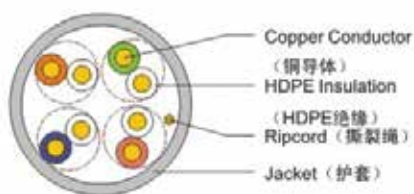


### Product Description :

1. Rated Temperature : 60°C, 75°C, 90°C
2. Reference Standard : UL444, UL1581
3. Bare Solid Copper Conductor
4. RoHS Complied PVC, PE or LSZH Jacket
5. Complies to TIA/EIA - 568 - C.2&ISO/IEC11801
6. Installation Temperature : -30°C~+50°C
7. Minimum Bending Radius : <4P 4D

### Application :

- 100 Base-TX
- 100 Base-T4
- 100VG-AnyLAN
- 1000 Base-T (Gigabit Ethernet ATM)



## Electrical Characteristics

Frequency MHz	Impedance ohm	RL≥dB	Attenuation ≤dB/100m≥	NEXT ≤dB/100m≥	ELFEXT ≤dB/100m≥	PS NEXT ≤dB/100m≥	PS ELFEXT ≤dB/100m≥	NVP
1	100±15	20.0	2.0	65.3	63.8	62.3	60.8	68%
4		23.0	4.1	56.3	51.7	53.3	48.7	
10		25.0	6.5	50.3	43.8	47.3	40.8	
16		25.0	8.2	47.3	39.7	44.2	36.7	
20		25.0	9.3	48.5	37.7	42.8	34.7	
31.25		23.6	11.6	42.9	33.9	39.9	30.9	
62.5		21.5	17.0	38.4	27.8	65.4	24.8	
100	100±18	20.1	22.0	35.3	23.8	32.3	20.8	
*155		18.8	28.1	32.4	20.2	29.4	17.2	
*200		18.0	32.4	30.8	18.0	27.8	15.0	
*310	100±22	16.7	41.8	27.9	14.2	24.9	11.2	
*350		16.3	44.9	27.1	13.1	24.1	10.1	

\*Remarks:\*are the reference values)

## Cable Construction (CAT5E)

Item No.	Consturction	Nominal Conductor Dimension(mm)	Nominal Insulation Diameter(mm)	No.of Pairs	Nominal Cable OD (mm)	Type of Jacket	Remark
U5EC04/U5EE04/U5EH04	UTP	0.50	0.89	4	5.1/5.4	PVC/PE/LSZH	100MHz
U5ECE04	UTP	0.50	0.90	4	6.3	PVC+PE	100MHz