

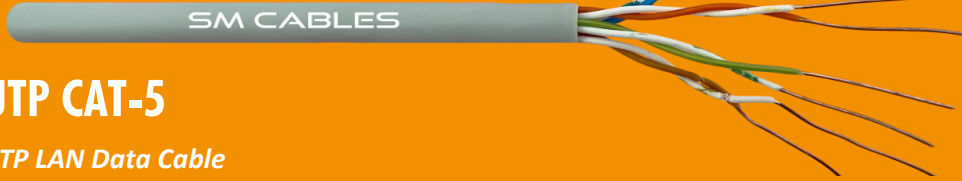


# SM (CABLES)

Low voltage wiring, flexible and special cables

## STANDARDS

TIA 568-B.2  
EN 50288  
EN 50173  
UL




## UTP CAT-5

UTP LAN Data Cable

### CONSTRUCTION (Cu/Rubber/Rubber)

- 1  **Conductor**  
Bare Copper(24 AWG)
- 2  **Insulation**  
High Density Poly Ethylene
- 3  **Outer Sheath**  
Polyvinyl Chloride

### SPECIFICATIONS

 +60°C -20°C	Maximum and Minimum Operating Temperature	<93.8Ω/KM @ 20°C	Conductor Resistance
100 ± 15Ω	Standard Impedance	<16.8Ω/100	Ring Resistance
[25°] 250 V	Operating Voltage	60 MM	Minimum Bending Radius

### APPLICATIONS

10/100BASE (TIEEE 802.3) ATM,TP-PMD,ANSIX 39T,5(TP),TP-DDI ETHERNET, 1000BASE-T, GIGABIT-ETHERNET TOKEN RING (IEEE 802.5)

### MARKING

Embossed, or printed with CIJ in white or black indelible ink.

SM (CABLES) UTP CAT5 #X###CE

### TECHNICAL DATA

Frequency (MHz)	RL (dB)	ATT (dB/100)	NEXT (dB)	PS.NEXT (dB)	ELFEXT (dB)	
<b>UTP CAT 5</b>						
1	20	2.1	68	66	63.8	
4	23	4.2	59.2	57.2	51.7	
8	24.5	5.9	54.8	52.8	45.7	
10	25	6.6	53.3	51.3	43.8	
16	25	8.3	50.3	48.3	39.7	
20	25	9.4	48.8	46.8	37.8	
25	24.3	10.3	47.3	45.3	35.8	
31.25	23.6	11.8	45.9	43.9	33.9	
62.3	21.5	17.1	41.1	39.4	27.8	
100	20.1	22.2	38.3	36.3	23.8	
155	18.8	28.2	35.4	33.4	20	
200	18	32.5	33.7	31.7	17.7	
ITEM NR	SECTION	DIAMETER	KG/KM			
UTP5EPVC	4x2xAWG24	5.00±0.1mm	31.14			

Specifications and technical data is provided in good faith and is believed to be correct at the time of publication. Actual products may differ in dimensions due to manufacturing tolerances. The information provided within this document is typical and is intended for guidance only. This specification and data is subject to changes without notice or liability.