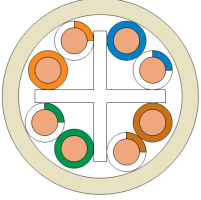
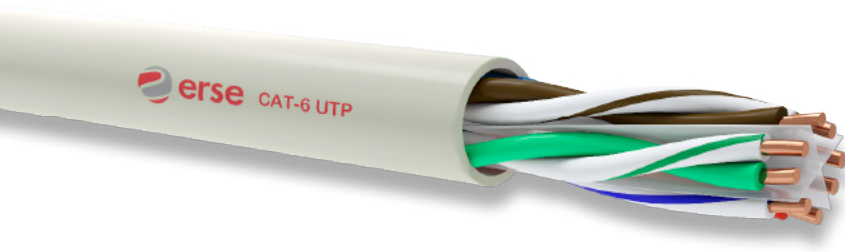


# CAT-6 UTP



## KULLANIM ALANLARI

- 10 BaseT (IEEE 802.3) ETHERNET
- 100 BaseT (IEEE 802.3u) FAST ETHERNET
- 100 Vg-AnyLAN (IEEE 802.12)
- 4/16 Mbps Token Ring (IEEE 802.5)
- 100 Mbps CDDI
- 250 Mbps ATM
- 1000 Base T (Gigabit Ethernet) (IEEE 802.3 ab)

## APPLICATION

- 10 BaseT (IEEE 802.3) ETHERNET
- 100 BaseT (IEEE 802.3u) FAST ETHERNET
- 100 Vg-AnyLAN (IEEE 802.12)
- 4/16 Mbps Token Ring (IEEE 802.5)
- 100 Mbps CDDI
- 250 Mbps ATM
- 1000 Base T (Gigabit Ethernet) (IEEE 802.3 ab)

## KABLO YAPISI

- 1- İletken** ELEKTROLİTİK BAKIR İLETKEN 24 AWG / 23 AWG
- 2-Yalıtkan** SOLİD PE İZOLASYON
- 3-Büküm** 4 ÇİFT VE MERKEZ ELEMANININ BİRLİKTE BÜKÜMÜ
- 4-Kılıf** FR-PVC KOMPAUND 6.20 mm Ø
- 5-Kılıf Rengi** RAL 7032 GRİ

## CONSTRUCTION

- 1- Conductor** ELECTROLYTIC COPPER CONDUCTOR 24 AWG / 23 AWG
- 2-Insulation** SOLID PE INSULATION
- 3-Stranding** 4-PAIR COMMON TWIST WITH CENTRAL ELEMENT
- 4-Sheath** FR-PC COMPOUND 6.20 mm Ø
- 5-Sheath Colour** RAL 7032 GREY

## TEKNİK ÖZELLİKLER TECHNICAL CHARACTERISTICS

İLETKEN DİRENCİ CONDUCTOR RESISTANCE	YALITIM DİRENCİ (500 V) INSULATION RESISTANCE (500 V)	ÇALIŞMA VOLTAJİ (25°C) OPERATING VOLTAGE (25°C)
23AWG =78 Ω/km 24 AWG = 94 Ω/km	5000 MΩxkm	250 V
KARAKTERİSTİK EMPEDANS CHARACTERISTIC IMPEDANCE	ÇALIŞMA SICAKLIĞI TEMPERATURE RANGE	ALEV GEÇİRTİRİCİLİK TESTİ FLAME RETARDANT TEST
100 ±15 Ω	-20°C-+60°C	IEC 60332-1-2 VDE 0482-332-1-2 EN 60332-1-2

TEST VOLTAJİ DAMAR/DAMAR TEST VOLTAGE CORE/CORE	BÜKÜLME YARIÇAPI BENDING RADIUS
1200 V	8x D mm
EFEKTİF KAPASİTE (1 KHz) MUTUAL CAPACITANCE (1 KHz)	YAYILMA HIZI VELOCITY OF PROPAGATION
48 pF/m	%67

DAMAR TANITIM RENKLERİ CORE IDENTIFICATION	RENK NO COLOUR NUMBER	A TELİ A WIRE	B TELİ B WIRE
	1	Mavi Blue	Beyaz/Mavi White/Blue
	2	Turuncu Orange	Beyaz/Turuncu White/Orange
	3	Yeşil Green	Beyaz/Yeşil White/Green
	4	Kahverengi Brown	Beyaz/Kahverengi White/Brown

## ELEKTRİKSEL ÖZELLİKLERİ

FREKANS FREQUENCY MHz	ZAYIFLAMA ATTENUATION dB/100m (Max)	YAKIN UÇ DİAFONİSİ NEAR END CROSSTALK (NEXT) dB (min)	GERİ DÖNÜŞ KAYBI RETURN LOSS dB (min)
1	2,1	74	20
10	6	59	25
16	7,6	56	25
20	8,5	55	25
62,5	15,5	47	21,5
100	19,9	44	20,1
125	22,5	43	19,5
155,5	25,4	42	18,8
200	29,2	40	18,0
250	33	38	17,3

## NOTLAR NOTES

250 Mbit/sn. hıza kadar analog ve dijital sinyallerin iletimine uygundur.  
It is suitable for analog and digital signal transmission up to 250 Mbit/sec.