

TELTEKS KABLO CATEGORY 6 UTP 4x2x24 AWG

**KABLO TİPİ : CATEGORY 6 UTP 4x2x24 AWG**

- ŞARTNAME** : ANSI/TIA/EIA-568 B.2-1 ve IEC – 61156-5 (ISO/IEC-11801 için 2.baskı)'e göre, TS IEC 61156-5:2014 Category 6, CENELEC EN 50288-5'e göre 300 Mhz.
- KULLANIM YERİ** : Bu kablolar bilgi iletişim sistemlerinde 250-300 Mbit/sn hıza kadar analog ve dijital sinyal iletiminde kullanılır.
- YAPI** : Ø 0,51 mm elektrolitik bakır iletken  
PE yalıtkan  
Çiftler halinde bükülü damarlar  
Çiftler yıldız biçimli ayrıncı ile bükülür.  
Gri renkli PVC dış kılıf (RAL 7032)  
Kablo dış çapı: 5.9 mm  
Kablo ağırlığı: 52.9 kg/km  
Standart ambalaj: 100 m kanga, 305 m koli, 1000 m makara

**CABLE TYPE : CATEGORY 6 UTP 4x2x24 AWG**

- SPECIFICATION** : According to ANSI/TIA/EIA-568 B.2-1 and IEC – 61156-5 (for ISO/IEC-11801 2<sup>nd</sup> press), TS IEC 61156-5:2014 Category 6. According to CENELEC EN 50288-5, 250 Mhz.
- APPLICATION** : Used in data communication networks in transmission of analog and digital signals, has a maximum working transmission speed of 250-300 Mbit/sec.
- CONSTRUCTION** : Ø 0.57 mm electrolytic copper conductor  
PE insulation  
Cores twisted in pairs  
Pairs stranded together with star shaped separator  
Grey PVC outer sheath (RAL 7032)  
Overall diameter:5.9mm  
Cable weight: 52.9 kg/km  
Standard packing: 100 m coil, 305 m box, 1000 m drum

	DAMAR CORE		DAMAR CORE		
EMPEDANS IMPEDANCE 1-100 MHz 100Ω ±%15 Ohm 101-250 MHz 100Ω ±%18 Ohm		EFEKTİF KAPASİTE MUTUAL CAPACITANCE MAX. 52 nf/km.		İLETKEN DİRENÇİ CONDUCTOR RESISTANCE MAX. 94 Ω/km.	DİRENÇ DENGESİZLİĞİ RESISTANCE UNBALANCE MAX. %2
İZOLASYON DİRENÇİ INSULATION RESISTANCE MIN. 5000 M Ω km. (500 VDC)		TEST GERİLİMİ TEST VOLTAGE Max. 700V		ÇALIŞMA SICAKLIĞI OPERATING VOLTAGE Max. 230V	ÇALIŞMA SICAKLIĞI OPERATING TEMPERATURE - 20 °C...+60 °C
min. BÜKME YARIÇAPİ min. BENDING RADIUS 8 X D		ÇEKME KUVVETİ TENSILE STRENGTH MAX. 50 N/mm <sup>2</sup>			

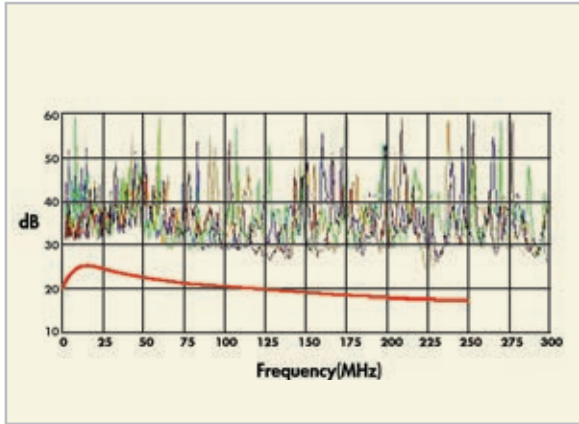
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**Elektriksel Özellikler / Electrical Properties**

Frequency (MHz)	Insertion Loss Max. (dB/100 m)	Near-End Crosstalk (NEXT) Loss Min. (dB 100)	PS Near-End Crosstalk (PS NEXT) Loss Min. (dB 100)	Equal Level Far-End Crosstalk (ELFEXT) Min. (dB/100 m)	PS Equal Level Far-End Crosstalk (PSELFEXT) Loss Min. (dB/100 m)	Return Loss (RL) Min. (dB)
0,772	1,8	76,0	74,0	70,0	67,0	.....
1,0	2,0	74,3	72,3	67,8	64,8	20,0
4,0	3,8	65,3	63,3	55,8	52,8	23,0
8,0	5,3	60,8	58,8	49,7	46,7	24,5
10,0	6,0	59,3	57,3	47,8	44,8	25,0
16,0	7,6	56,2	54,2	43,7	40,7	25,0
25,0	9,5	53,3	51,3	39,8	36,8	24,3
31,25	10,7	51,9	49,9	37,9	34,9	23,6
62,5	15,4	47,4	45,4	31,9	28,9	21,5
100	19,8	44,3	42,3	27,8	24,8	20,1
200	29,0	39,8	37,8	21,8	18,8	18,0
250	32,8	38,3	36,3	19,8	16,8	17,3

**Geri Dönüş Kaybı SRL / Structural Return Loss**



**PS NEXT / Power Sum NEXT**

