



## CAT-6 PE-S/FTP

4 X 2 X 23 AWG

### UYGULAMA ALANLARI

Bu kablolar bilgi iletişim sistemlerinde 300 Mbit/Sn hızına kadar analog ve dijital sinyal iletiminde kullanılır.

### KABLO YAPISI

<b>İletken</b>	: Elektrolitik bakır iletken 23 AWG
<b>İzolasyon</b>	: Solid PE izolasyon
<b>1. Ekran</b>	: AL-PES bant ekran (%100 kapama)
<b>2. Ekran</b>	: Kalaylı bakır tel örgü (kapama %85)
<b>Yalıtkan Renk</b>	: Polietilen (IEC 61156-5)
<b>Büküm</b>	: İki damar birlikte bükülerek çiftleri, çiftler bir arada bükülerek kablo özü oluşturulur.
<b>Dış Kılıf</b>	: Ø 6.50 mm PE
<b>Kablo Dış Çapı</b>	: Ø 6.50 mm.
<b>Kablo Ağ.(kg/km)</b>	: 50 kg./km.

### TEKNİK ÖZELLİKLER

<b>İletken Direnci</b>	: (20 C Max.) 72.0 ohm/km
<b>Direnç Dengesizliği</b>	: Max %5
<b>Çalışma Voltajı</b>	: 250 V.
<b>Test Voltajı</b>	: 1200 V.
<b>İzolasyon Direnci</b>	: (20 C Min) 5000 Mohm/km
<b>Kapasite</b>	: 56.0 nF/km
<b>Kapasite Dengesizliği</b>	: 330 pF/100 mt.(Max.)
<b>Empedans</b>	: 100±15 ohm
<b>Yayımlama Hızı</b>	: %67
<b>Çalışma Sıcaklığı</b>	: -20 C + 60 C
<b>Bükülme Yarı Çapı</b>	: 8 x kablo dış çapı
<b>Alev Testi</b>	: TS EN 50265

## VERİ İLETİŞİM KABLolari DATA TRANSMISSION CABLES

### APPLICATION

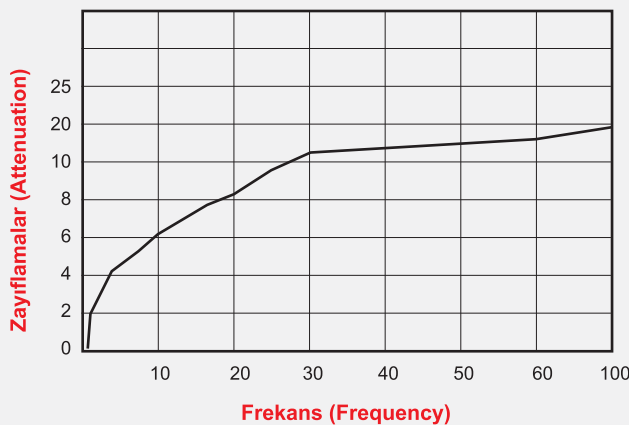
It is used in data communication networks in transmission of analog and digital signals up to 155 Mbit/sec.

### CONSTRUCTION

<b>Conductor</b>	: Electrolytic copper conductor 24 AWG
<b>Insulator</b>	: Solid polyethylene insulation
<b>1. Screen</b>	: Al-pes tape shielded (%100 coverage)
<b>2. Screen</b>	: Electrolytic copper braid (%85 coverage)
<b>Colour Code</b>	: PE (IEC 61156-5)
<b>Stranding</b>	: Cores twisted in pairs, pairs stranded together.
<b>Sheath</b>	: Ø 6.50 mm PE
<b>Outer Diameter</b>	: Ø 6.50 mm.
<b>Weight (kg/km)</b>	: 50 kg./km.

### TECHNICAL SPECIFICATIONS

<b>Conductor Resistance</b>	: (20 C Max.) 94.0 ohm/km
<b>Resistance Unbalance</b>	: Max %5
<b>Operating Voltage</b>	: 250 V.
<b>Test Voltage</b>	: 1200 V.
<b>Insulator Resistance</b>	: (20 C Min) 5000 Mohm/km
<b>Capacity</b>	: 56.0 nF/km
<b>Capacity Unbalance</b>	: 330 pF/100 mt.(Max.)
<b>Impedance</b>	: 100±15 ohm
<b>Velocity Ratio</b>	: %67
<b>Temperature</b>	: -20 C + 60 C
<b>Bending Radius</b>	: 8 x outer diameter
<b>Flame Test</b>	: TS EN 50265



### Zayıflamalar (20 C) / Attenuation :

1 MHz	2.0	dB / 100 mt
4 MHz	3.8	dB / 100 mt
8 MHz	5.3	dB / 100 mt
10 MHz	6.0	dB / 100 mt
16 MHz	7.6	dB / 100 mt
20 MHz	8.5	dB / 100 mt
25 MHz	9.50	dB / 100 mt
30 MHz	10.7	dB / 100 mt
60 MHz	15.4	dB / 100 mt
100 MHz	19.8	dB / 100 mt