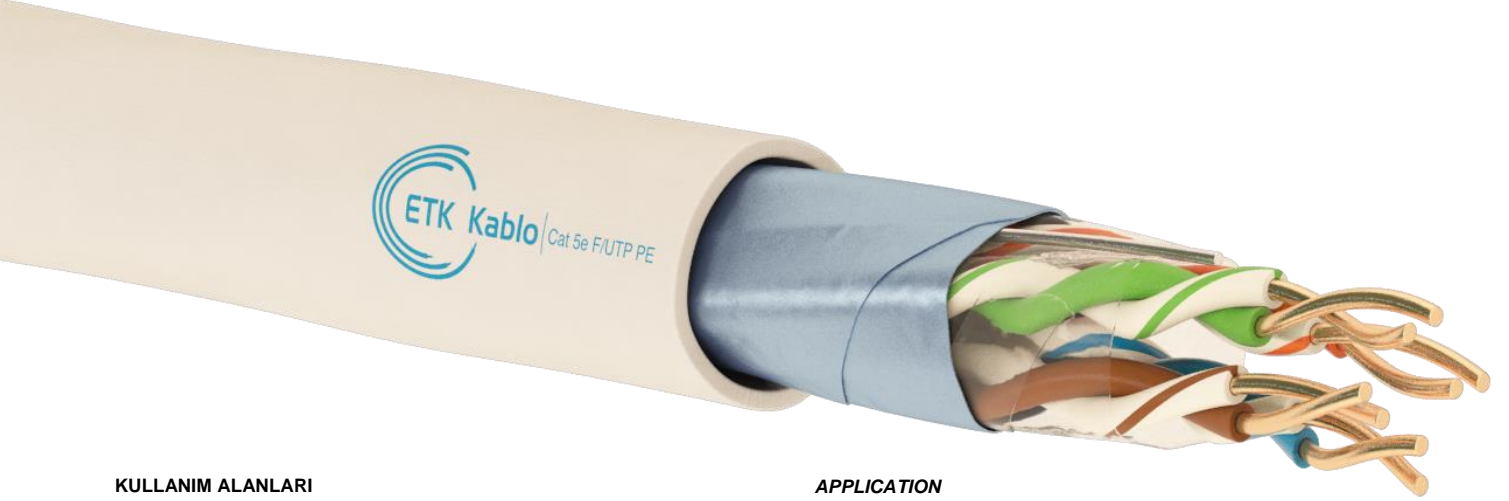


VERİ İLETİŞİM KABLOLARI
CAT -5e F/UTP -PE

DATA TRANSMISSION CABLES
CAT -5e F/UTP -PE



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
-52/155 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
-52/155 Mbps ATM
-1000 Base T (Gigabit Ethernet) (IEEE 802.3 ab)

KABLO YAPISI







1-İletken ELEKTROLİTİK BAKIR İLETKEN 24 AWG
2-Yalıtkan SOLİD PE İZOLASYON
3-Büküm 4 ÇİFTİN ORTAK BÜKÜMÜ
4-Ekran POLYESTER BANT + KALAYLI BAKIR TOPRAK TELİ + AL-PES BANT
5-Kılıf UV REZİSTANSLI PE DIŞ KILIF 5.6 mm Ø
6-Kılıf Rengi RAL 9005 SİYAH

CONSTRUCTION

1-Conductor ELECTROLYTIC COPPER CONDUCTOR (24 AWG)
2-Insulation SOLID PE INSULATION
3-Stranding 4-PAIR COMMON TWIST
4-Screen POLYESTER TAPE + TINNED COPPER DRAIN WIRE + AL-PES TAPE
5-Sheath UV RESISTANCE PE JACKET 5.6 mm Ø
6-Sheath Colour RAL 9005 BLACK

TEKNİK ÖZELLİKLER

TECHNICAL CHARACTERISTICS

İLETKEN DİRENCİ CONDUCTOR RESISTANCE	İZOLASYON DİRENCİ INSULATION RESISTANCE	EFEKTİF KAPASİTE MUTUAL CAPACITANCE	DİRENC DENGESİZLİĞİ RESISTANCE UNBALANCED	ÇALIŞMA VOLTAJI OPERATING VOLTAGE	TEST VOLTAJI TEST VOLTAGE
					
94 ΩxKm @ 20°C	5000 MΩ /km	56 nF/100 m	%2	250 V	1200 V
BÜKÜLME YARIÇAPINI BENDING RADIUS	ÇALIŞMA SICAKLIĞI TEMPERATURE RANGE	KARAKTERİSTİK EMPEDANS CHARACTERISTIC IMPEDANCE	ÇEKME KUVVETİ TENSILE STRENGTH		
8 X Dmm	- 20°C~+60°C	100±%6 Ohm 1-100 MHz	50 N/mm ²		
DUMAN YOĞUNLUĞU TESTİ SMOKE DENSITY TEST	KOROZİF GAZ TESTİ CORROSION GAS TEST	ALEV GECİKTİRİCİLİK TESTİ FLAME RETARDANCY TEST *	HALOJENSİZLİK TESTİ HALOGEN FREE TEST	ALEV YAYILIMI TESTİ FLAME PROPAGATION TEST	
IEC 61034-2	IEC 60754-2	IEC 60332-1-2	IEC60754-1	IEC 60332-3-25	
VDE 0482-1034-2	VDE 0482-267-2-3	VDE 0482-332-1-2	VDE 0482-267-2-1	VDE 0482-332-3-25	
EN 61034-2	EN 50267-2-3	EN 60332-1-2	EN 50267-2-1	EN 60332-2-25	

DAMAR TANITIM RENKLERİ

CORE IDENTIFICATION COLOUR

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

NOTLAR

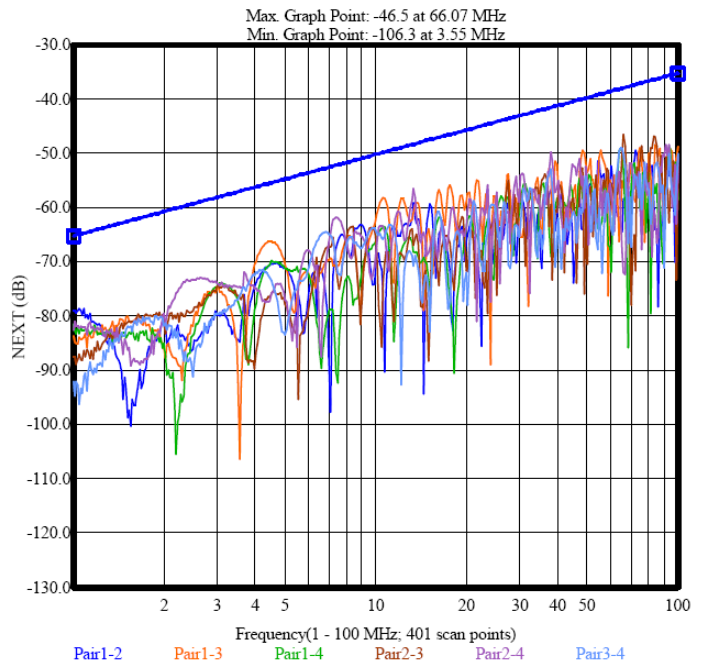
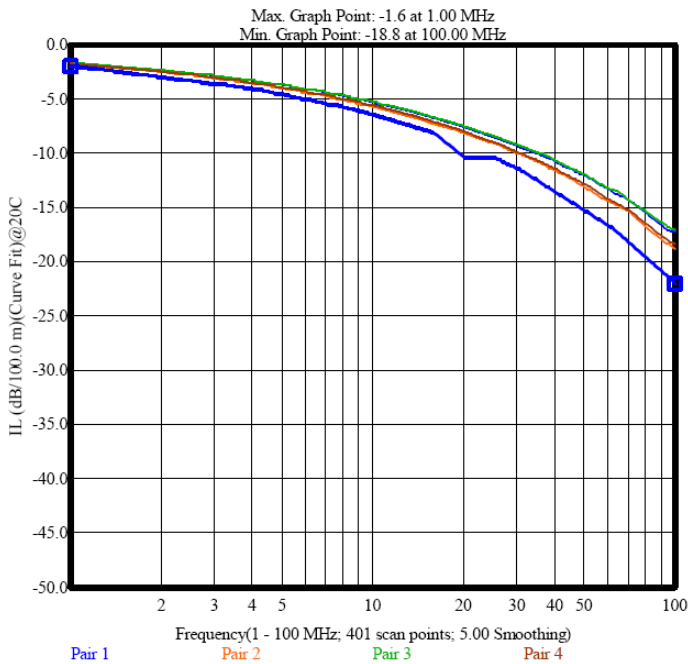
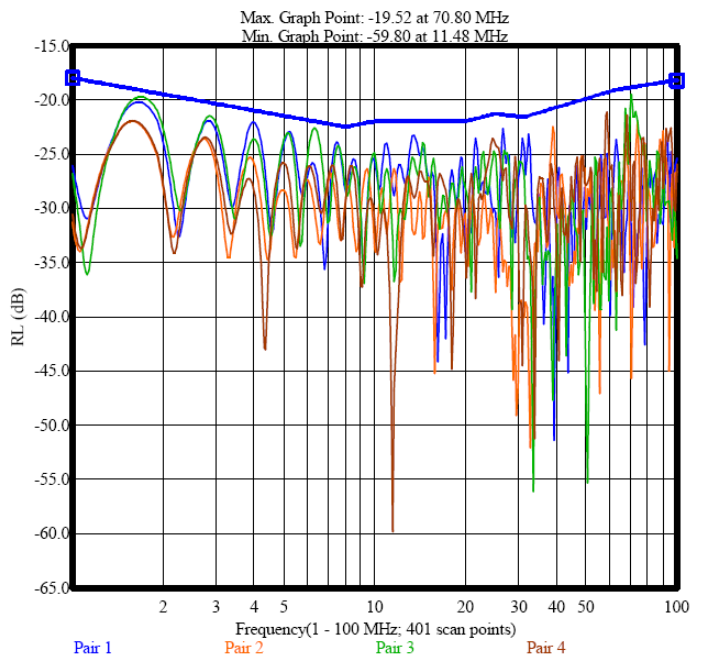
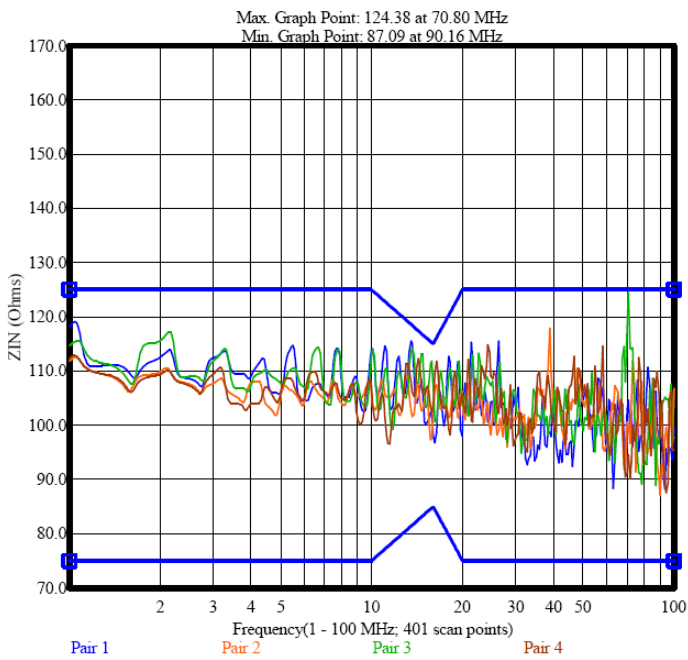
155 Mbit/sn. hıza kadar analog ve dijital sinyallerin iletimine uygundur.
ANSI/TIA/EIA-568-C:2 ve IEC-61156-5 ve IEC-11801

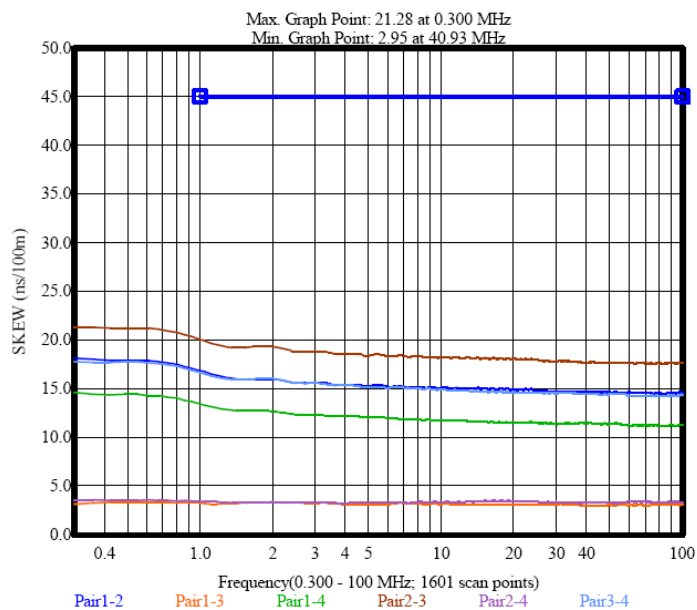
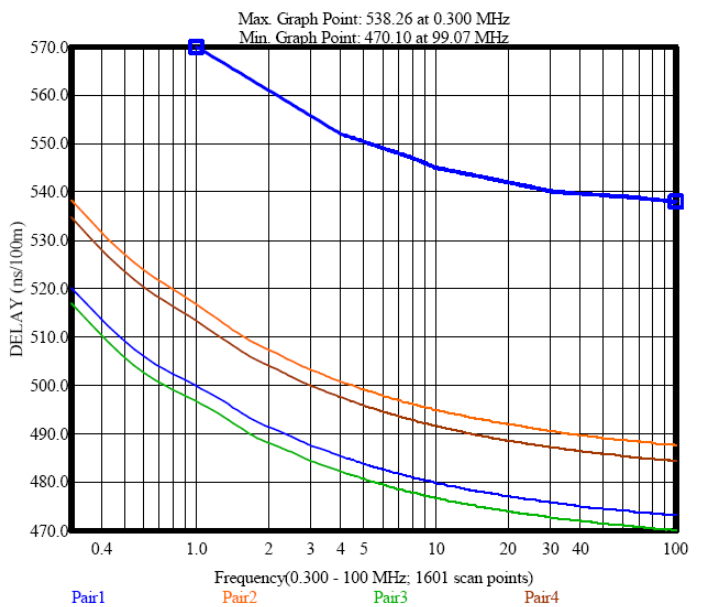
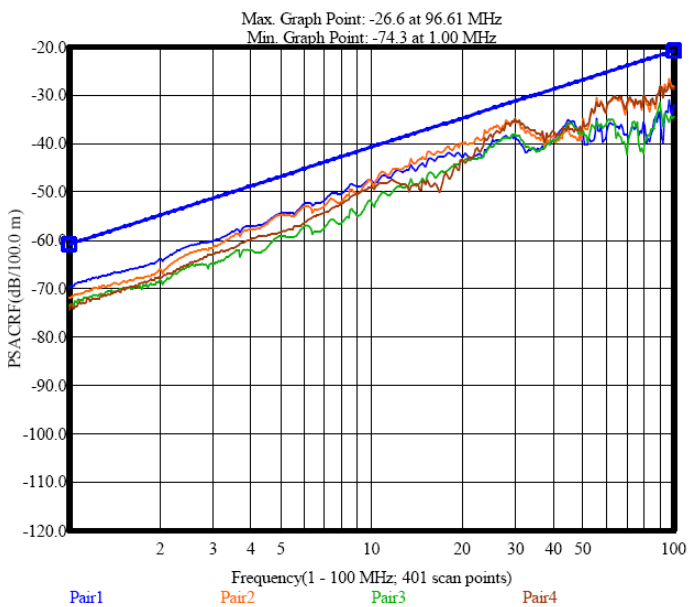
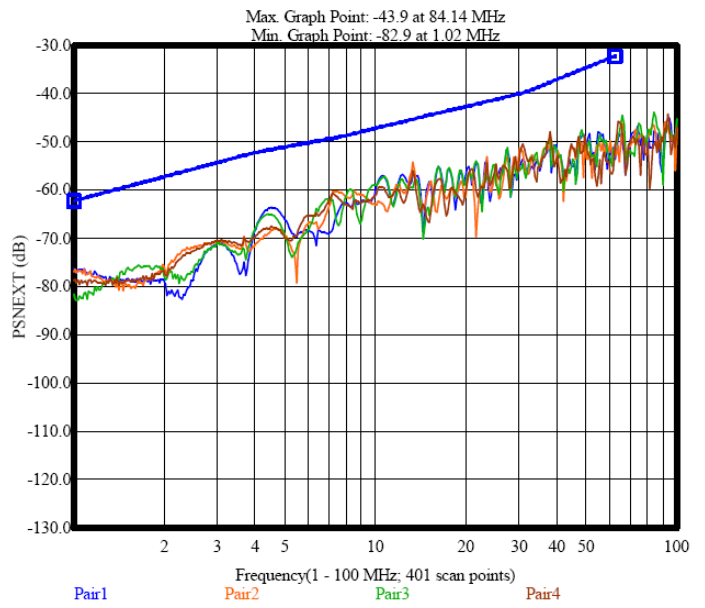
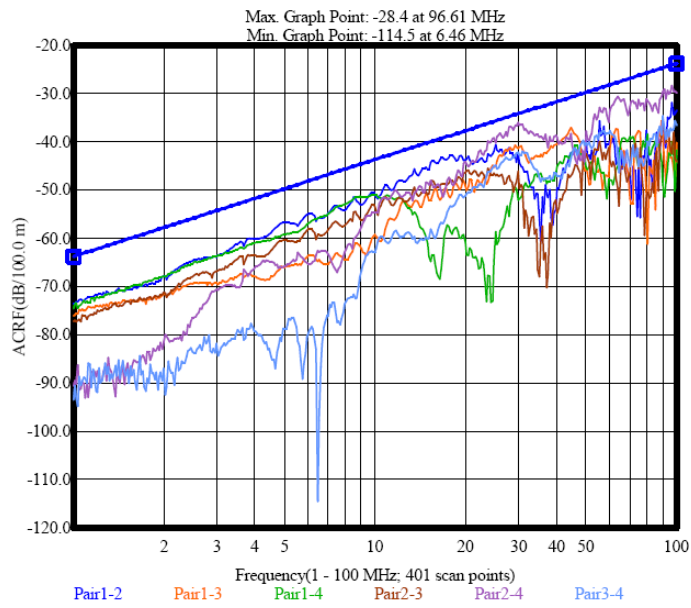
NOTES

It is suitable for analog and digital signal transmission up to 155 Mbit/sec.
ANSI/TIA/EIA-568-C:2 and IEC-61156-5 and IEC-11801

ELEKTRİKSEL ÖZELLİKLERİ
ELECTRICAL PROPERTIES

FREKANS FREQUENCY	INSERTION LOSS	NEAR – END CROSSTALK (NEXT) LOSS	PSNEAR – END CROSSTALK (PS NEXT) LOSS	EQUAL LEVEL FAR – END CROSSTALK (ELFEXT)	PS EQUAL LEVEL FAR-END CROSSTALK (PSELFEXT)	RETURN LOSS (RL)
MHz	dB/100m (Max)	dB (min)	dB (min)	dB/100m (min)	dB/100m (min)	dB (min)
0,772	1,8	67,0	64	66,0	63,8	-
1,0	2,0	65,3	62,3	63,8	60,8	23
4,0	4,1	56,3	53,3	51,8	48,8	23
8,0	5,8	51,8	48,8	45,7	42,7	23
10,0	6,5	50,3	47,3	43,8	40,8	23
16,0	8,2	47,2	44,2	39,7	36,7	23
20,0	9,3	45,8	42,8	37,8	34,8	23
25,0	10,4	44,3	41,3	35,8	32,8	22
31,25	11,7	42,9	39,9	33,9	30,9	21
62,5	17,0	38,4	35,4	27,9	24,9	18
100	22,0	35,3	32,3	23,8	20,8	16





CAT -5e F/UTP -PE 24AWG

KOD NO (CODE NO)	PER SAYISI (NUMBER OF PAIRS)	İLETKEN ÇAPI (CONDUCTOR DIAMETER) mm	ORTALAMA DIŞ ÇAPI (APPX. OUTER DIAMETER) mm	BAKIR AĞIRLIĞI (COPPER WEIGHT) kg/km	ORTALAMA AĞIRLIK (APPX. WEIGHT) kg/km	MAKARA BOYU (REEL LENGTH) m
3.425.2.1.1.0051.0.0001	1x2	0.51	3,1	5,3	11,2	100/500/1000
3.425.2.1.1.0051.0.0002	2x2	0.51	4,2	9,2	19,1	100/500/1000
3.425.2.1.1.0051.0.0003	3x2	0.51	4,8	13,2	26,0	100/500/1000
3.425.2.1.1.0051.0.0004	4x2	0.51	5,6	17,2	33,0	100/500/1000