

CAT.6 U/UTP 250 MHZ

EMEK KABLO CAT.6 U/UTP 250 MHZ



ALEV GECİKTİRİCİ ÖZELLİK / DÜŞÜK DUMAN YOĞUNLUĞU / ZEHİRLİ VE KORUZIF GAZLARDAN ARINDIRILMIŞ
FLAME RETARDANT CHARACTERISTIC / LOW SMOKE EMISSION / WITHOUT POISONED AND CORROSIVE GASES

KULLANIM ALANLARI

ISDN - VoIP
TOKEN RING 4/16 Mbit - 100 VG-AnyLAN
TP-PMD / TP-DDI - ATM 155, 622, 1200 Mbit
ETHERNET: 10 Base T, 100 Base Tx, 100 Base T4 1000 Base T

KABLO YAPISI

İletken	Mono tavlı bakır AWG24 0,52/0,53/0,55 AWG23 0,56/0,57
İzolasyon	PO - Poliolenin
Separatör	PO - Poliolenin
Kılıf	PVC veya LSZH - 5024 Mavi RAL
Standartlar	IEC 61156-5 / EN 50288-6-1

TEKNİK ÖZELLİKLER

Direnç (max)	95 Ω / km
Empedans	1-100 MHz 100 ± 15 Ω / 100-250 MHz 100 ± 20 Ω
Kapasite	Nominal 48 pF/m
Yayıma Hızı	69% c
Efektif Kapasite (1 Kh)	48 pF/m
Çalışma Sıcaklığı	- 20°C~+70°C
Alev Geciktiricilik Testi	IEC 60332-1-2 / VDE 0482-332-1-2 / EN 60332-1-2
Duman Yoğunluğu	IEC 61034-2 / VDE 0482-1034-2 / EN 61034-2
Korozif Gaz Testi	IEC 60754-2 / VDE 0482-267-2-3 / EN 50267-2-3
Halojenizlik Test	IEC 60754-1 / VDE 0482-267-2-1 / EN 50267-2-1
Alev Yayılımı Testi	IEC 60332-3-25 / VDE 0482-332-3-25 / EN 60332-2-25

APPLICATION

ISDN - VoIP
TOKEN RING 4/16 Mbits - 100 VG-AnyLAN
TP-PMD/TP-DDI - ATM 155, 622, 1200 Mbits
ETHERNET: 10 Base T, 100 Base Tx, 100 Base T4, 1000 Base T

CONSTRUCTION

Conductor	Solid annealed copper AWG24 0,52/0,53/0,55 AWG23 0,56/0,57
Insulation	PO - Polyolefin
Separator	PO - Polyolefin
Jacket	PVC or LSZH - Blue RAL 5024
Standards	IEC 61156-5 / EN 50288-6-1

TECHNICAL SPECIFICATIONS

Resistance (max)	95 Ω / km
Impedance	1-100 MHz 100 ± 15 Ω / 100-250 MHz 100 ± 20 Ω
Capacitance	Nominal 48 pF/m
Velocity Of Propagation	69% c
Mutual Capacitance (1 Khz)	48 pF/m
Temperature Range	- 20°C~+70° C
Flame Retardant Test	IEC 60332-1-2 / VDE 0482-332-1-2 / EN 60332-1-2
Smoke Density Test	IEC 61034-2 / VDE 0482-1034-2 / EN 61034-2
Test On Corriiveness Of Com. Gases	IEC 60754-2 / VDE 0482-267-2-3 / EN 50267-2-3
Halogen Test Free	IEC 60754-1 / VDE 0482-267-2-1 / EN 50267-2-1
Flame Propagation Test	IEC 60332-3-25 / VDE 0482-332-3-25 / EN 60332-2-25

MHz	INSERTION LOSS (dB/100 m)	NEXT (dB/100 m)	ACR-N (dB/100 m)	PSNEXT (dB/100 m)	ACR-F (dB/100 m)	PSACR-F (dB/100 m)	RETURN LOSS (dB/100 m)
1	2.0	74.3	72.3	72.3	67.8	64.8	20.0
4	3.8	65.3	61.5	63.3	55.8	52.8	23.0
10	6.0	59.3	53.3	57.3	47.8	44.8	25.0
16	7.6	56.2	48.6	54.2	43.7	40.7	25.0
25	9.5	53.3	43.8	51.3	39.8	36.8	24.3
31.25	10.7	51.9	41.2	49.9	37.9	34.9	23.6
100	19.8	44.3	24.5	42.3	27.8	24.8	20.1
200	29.0	39.8	10.8	37.8	21.8	18.8	18.0
250	32.8	38.3	5.5	36.3	19.8	16.8	17.3