

DATA / LAN KABL · DATA / LAN CABLE

Cat 5e U/UTP

Category-5e U/UTP data kabl, 4 upredene parice, pun Cu provodnik, PE izolacija, PVC plašt (siva RAL 7035); Gigabit Ethernet do 100 MHz.

Category-5e U/UTP data cable, 4 twisted pairs, solid Cu, PE insulation, PVC jacket (grey RAL 7035); Gigabit Ethernet up to 100 MHz.



PRIMENA / APPLICATION

Strukturno kabliranje — 10/100/1000 BASE-T Ethernet, VG-AnyLAN, Token Ring, ATM, CDDI; do 100 MHz.
Structured cabling — 10/100/1000 BASE-T Ethernet, VG-AnyLAN, Token Ring, ATM, CDDI; up to 100 MHz.

KONSTRUKCIJA / CONSTRUCTION

1 Provodnik / Conductor: pun elektrolitski Cu / solid electrolytic Cu

2 Izolacija / Insulation: pun PE / solid polyethylene

3 Užljivanje / Stranding: žile u paricama, parice zajedno upredene / cores stranded into pairs, all pairs stranded together

DIMENZIJE / DIMENSIONS

4 parice / 4 pairs; provodnik AWG 24; prečnik kabla 5,1 mm; masa bakra 15,3 kg/km; masa kabla 32 kg/km; nebalans otpora $\leq 2\%$; temperatura $-55...+60\text{ }^{\circ}\text{C}$.

4 pairs / 4 pairs; conductor AWG 24; cable diameter 5.1 mm; copper weight 15.3 kg/km; cable weight 32 kg/km; resistance unbalance $\leq 2\%$; temperature $-55...+60\text{ }^{\circ}\text{C}$.

TEHNIČKE KARAKTERISTIKE / SPECS

Impedansa / Impedance **$100\ \Omega \pm 15\%$**

Otpor provodnika / Conductor res. **$\leq 94\ \Omega/\text{km}$**

Izolac. otpor / Insulation res. **$\geq 5000\ \text{M}\Omega/\text{km}$**

Kapacitivnost / Capacitance **$\leq 56\ \text{nF}/\text{km}$**

Brzina prostiranja / Velocity **$67-69\%$**

Napon (radni/ispitni) / Voltage (op./test) **$250 / 1200\ \text{V}$**

Savijanje / Bending **$8 \times D$**

STANDARDI / STANDARDS

ANSI/TIA-568-C.2 · IEC 61156-5 · IEC 11801 · IEC 60332-1-2

DIMENZIJE I ELEKTRIČNI PODACI / DIMENSION & ELECTRICAL DATA

Frekv. FREQ.	Slabljenje INS. LOSS	NEXT NEXT	PSNEXT PSNEXT	ELFEXT ELFEXT	PSELFEXT PSELFEXT	Refleks. RET. LOSS
MHz	dB/100m	dB	dB	dB/100m	dB/100m	dB
1	2	65,3	62,3	63,8	63,8	23
4	4,1	56,3	53,3	51,8	51,8	23
8	5,8	51,8	48,8	45,7	45,7	23
10	6,5	50,3	47,3	43,8	43,8	23
16	8,2	47,2	44,2	39,7	39,7	23
20	9,3	45,8	42,8	37,8	37,8	23
25	10,4	44,3	41,3	35,8	35,8	22
31,25	11,7	42,9	39,9	33,9	33,9	21
62,5	17	38,4	35,4	27,9	27,9	18
100	22	35,3	32,3	23,8	23,8	16

NAPOMENE / NOTES

- Insertion Loss = maks., ostali parametri (NEXT/PSNEXT/ELFEXT/PSELFEXT/RL) = min., prema ANSI/TIA-568-C.2. / Insertion Loss = max., other parameters (NEXT/PSNEXT/ELFEXT/PSELFEXT/RL) = min., per ANSI/TIA-568-C.2.
- Vrednosti na 20 °C. / Values at 20 °C.
- Kataloški broji i isporučne dužine izostavljeni. / Part number and delivery lengths omitted.