

DATA / LAN KABL · DATA / LAN CABLE

Cat 7 S/FTP

Category-7 S/FTP data kabl, 4 upredene parice s pojedinačnim folijskim ekranom (PiMF), ukupni kalajisani Cu oplet, pun Cu provodnik, PE izolacija,

Category-7 S/FTP data cable, 4 twisted pairs with individual foil screen (PiMF), overall tinned-copper braid, solid Cu, PE insulation, LSOH jacket



PRIMENA / APPLICATION

Strukturno kabliranje — ISDN, Token Ring, CDDI, ATM / PoE, 10/100/1000/10G BASE-T Ethernet; do 600 MHz.

Structured cabling — ISDN, Token Ring, CDDI, ATM / PoE, 10/100/1000/10G BASE-T Ethernet; up to 600 MHz.

KONSTRUKCIJA / CONSTRUCTION

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

2 Izolacija / Insulation: penasti PE obložen punim PE / foamed PE clad with solid PE

3 Užljivanje / Stranding: žile u paricama, parice u slojevima / cores into pairs, pairs in layers

DIMENZIJE / DIMENSIONS

4 parice / 4 pairs; provodnik AWG 23; prečnik kabla 7,6 mm; masa bakra 27,0 kg/km; masa kabla 62 kg/km; temperatura -20...+60 °C.

4 pairs / 4 pairs; conductor AWG 23; cable diameter 7.6 mm; copper weight 27.0 kg/km; cable weight 62 kg/km; temperature -20...+60 °C.

TEHNIČKE KARAKTERISTIKE / SPECS

Impedansa / Impedance $100 \Omega \pm 5 \%$

Otpor provodnika / Conductor res. $\leq 67 \Omega/\text{km}$

Kapacitivnost / Capacitance $\leq 42 \text{ nF}/\text{km}$

Brzina prostiranja / Velocity 78-80 %

Napon (radni/ispitni) / Voltage (op./test) 125 / 1200 V

Savijanje / Bending $8 \times D$

STANDARDI / STANDARDS

ANSI/TIA-568-C.2 · IEC 61156-5 · IEC 11801 · IEC 60332-3-24 · IEC 60754-1/2 · LSOH

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	NS	78,0	75,0	78,0	75,0	20,0
4	3,74	78,0	75,0	78,0	75,0	23,0
10	5,86	78,0	75,0	74,0	71,0	25,0
20	8,29	78,0	75,0	68,0	65,0	25,0
25	9,29	78,0	75,0	66,0	63,0	24,3
31,25	10,41	78,0	75,0	64,1	61,1	23,6
62,5	14,88	75,5	72,5	58,0	55,1	21,5
100	18,02	72,4	69,4	54,0	51,0	20,1
200	23,56	69,8	66,8	50,0	47,5	18,9
250	27,47	67,9	64,9	48,0	45,0	18,0
300	30,97	66,4	63,4	46,0	43,0	17,3
400	34,19	65,2	62,2	44,5	41,5	17,3
450	40,01	63,4	60,4	42,0	39,0	17,3
500	45,26	61,9	58,9	40,0	37,0	17,3
600	50,10	60,7	57,7	38,4	35,4	17,3

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; „NS” = nije specificirano. / Values at 20 °C; “NS” = not specified.
- Kataloški broji i isporučne dužine izostavljeni. / Part number and delivery lengths omitted.