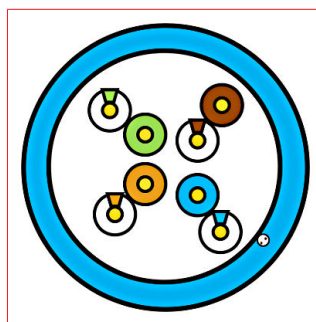
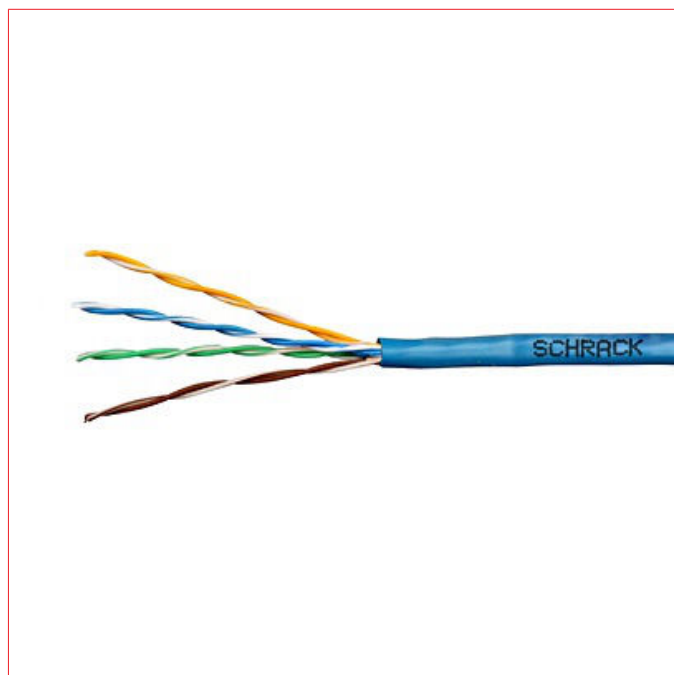


Tehnički list za artikl: HSEKU4233B

U/UTP kabel cat.6, 4x2xAWG24/1, 300MHz, LS0H-3-25, B2ca, pl avi

za rezanje



SCHRACK info

APPLICATION

- Horizontal and building backbone cable
- Support current and future Category 6 and 5e applications, such as: 1000Base-T (Gigabit Ethernet), 100 Base-T, 10 Base-T, FDDI, ATM

GENERAL STANDARDS

- International Standard: ISO/IEC 11801 edition 2.1 (2008)
- European Standard: EN 50173-1 (2002) and EN 50173-1 Amd.1 (2009)
- U.S. Standard: ANSI/TIA/EIA 568-B.2.1 (2002)

U/UTP

Cat. 6

LS0H-3

B2_{ca}

Tehnički podaci

Kategorija	Cat.6
Kabelski oklop	U/UTP

Tehnički podaci - nastavak

Materijal vodiča	Puna bakrena žica AWG24/1
Izvedba vodiča	4 neoklopljene parice, upletene
Kod boja	Pair 1 White-Blue / Blue Pair 2 White-Orange / Orange Pair 3 White-Green / Green Pair 4 White-Brown / Brown
Insulation material	Polyethylene (PE)
Nominal diameter over insulation (mm)	1
Oklop	Neoklopljen
Ripcord	Under jacket
Vanjski omotač kabela	LS0H-3
Plast/omotač	LS0H-3, FRNC according to: IEC 61034-1/2, EN 50268-1/2 IEC 60754-1/2, EN 50267-1/2 IEC 60332-3-24, EN 60332-3-24
Euroclass acc. to EN50575	B2ca
Smoke production	s1a
Droplets	d1
Acidity	a1
Požarno opterećenje (kJ/m)	600
Smoke density - transmittance (%)	> 60
Amount of halogen acid gas - pH	> 4,3
Amount of halogen acid gas - Conductivity (μS/m)	< 10
Outside diameter (mm)	6,6 ± 0,3
Weight nominal (kg/km)	52
Boja	plava
Temperature range - Installation (°C)	+0 to +50
Bending radii cable - Operation (longterm) (Ø)	4
Bending radii cable - Installation (shortterm) (Ø)	8
Max. pulling tension (N)	80
Nazivni napon	< 72V DC i < 50V AC
Max. continuous current per conductor (25°C) (A)	1,5
DC resistance at 20° C (Ohm/100m)	< 9,38
Otpor izolacije (MΩ*km)	> 5000MΩ/km
Resistance unbalance: within a pair / between pairs (%)	< 2 / < 4
Dielectric strength conductor – conductor (2 sec) (kV DC)	2,5
Mutual capacitance (nF/km)	< 56
Capacitance unbalance pair to ground (pF/km)	< 1600
Elongation at break of the conductors (%)	10
Minimum elongation at break of the insulation (%)	≥ 100
Minimum elongation at break of the sheath (%)	≥ 100
Tensile strength of sheath (MPa)	> 9
SKEW (ns/100m)	≤ 25

Tehnički podaci - nastavak

NVP (%)

70

STANDARD: IEC 61156-5

Frekvencija	1 *	4	10	16	20	31,2	65,2	100	200	250	300	MHz
Prigušenje	2	3,7	5,8	7,4	8,3	10,4	15	19,3	28,3	32,1	35,6	dB/100m
NEXT	75,3	66,3	61,8	58,6	57,1	54	49,1	45,8	40,9	39,3	38,1	dB/100m
PS NEXT	73,3	64,3	59,8	56,6	55,1	52	47,1	43,8	38,9	37,3	36,1	dB/100m
ARC	73,3	62,6	56	51,2	48,8	43,6	34,1	26,5	12,6	7,2	0,5	dB/100m
PS ACR	71,3	60,6	54	49,2	46,8	41,6	32,1	24,5	10,6	5,2	-1,5	dB/100m
FEXT	70,8	58,8	50,8	46,7	44,8	40,9	34,9	30,8	22,8	22,8	21,3	dB/100m
EL FEXT	67,8	55,8	47,8	43,7	41,8	37,9	31,9	27,8	21,8	19,8	18,3	dB/100m
Gubici zbog povratnih signala	20	23	25	25	25	23,6	21,5	20,8	19,5	18	17,5	dB/100m
TCL	40	40	40	38	37	35,1	32,6	30	27	26,5		dB/100m
EL TCL	35	23	15	10,9	9,0	5,1						dB/100m
Kašnjenje zbog propagacije	570	552	545	543	540	539	538	537	537	537	536	dB/100m

* Vrijednosti ispod 4 MHz i vrijednosti pri 1200 MHz su informativne.

TIPIČNE VRIJEDNOSTI

Frekvencija	1	4	10	16	20	31,2	62,5	100	200	250	300	MHz
Prigušenje	1,9	3,5	5,5	7,0	7,9	9,9	14,3	18,3	27,5	31	33	dB/100m
NEXT	85	75	70	66	64	62	58	55	50	49	48	dB/100m
PS NEXT	82	72	67	63	61	59	55	52	47	46	45	dB/100m
ACR	82	71	64	59	56	52	44	37	22	18	15	dB/100m
PS ACR	79	68	61	56	53	49	41	34	19	15	12	dB/100m
ACR-F	75	67	60	54	51	48	40	38	35	32	27	dB/100m
PS ACR-F	73	65	58	52	49	47	38	37	33	30	25	dB/100m
RL	30	30	30	30	30	30	29	28	25	24	22	dB/100m

Tipične vrijednosti su samo za informaciju.

Tablica artikla

OPIS	NVP (%)	MASA BAKRA (kg/km)	KAT. BROJ
U/UTP kabel cat.6, 4x2xAWG24/1,300MHz,LSOH-3-25,B2ca,plavi za rezanje	70	19	HSEKU4233B
Dodatni pribor			
TOOLLESS LINE utični modul RJ45 cat.6, neoklopljen (SFA)			HSEMRJ6UWS
Nosač kabel. bubnja pri odmatanju,do 250kg,bubanj do 52cm			HTOOL00006
Čičak vezica crna 16mm x 4m			Q7KB0416-S
Čičak vezica plava 16mm x 4m			Q7KB0416-B
Čičak vezica crvena 16mm x 4m			Q7KB0416-R
Čičak vezica žuta 16mm x 4m			Q7KB0416-Y
Čičak vezica zelena 16mm x 4m			Q7KB0416-U