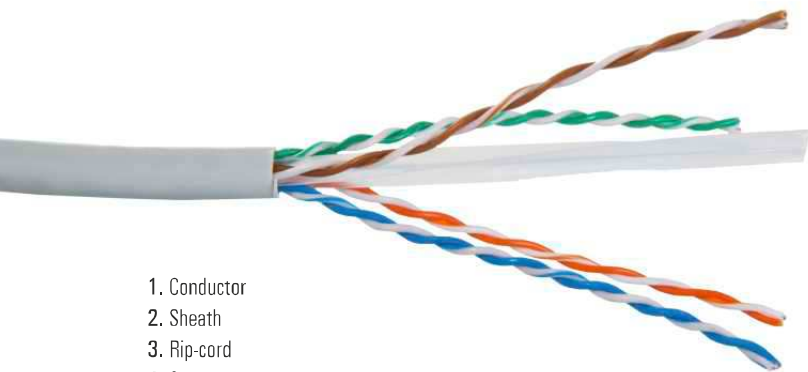
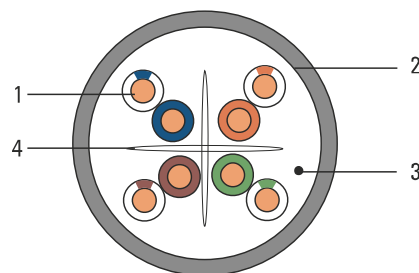


## 6 U/UTP LSZH



1. Conductor
2. Sheath
3. Rip-cord
4. Separator



Cat. No.: SEC6UTPLSZH-B2CA, SEC6UTPLSZH-CCA, SEC6UTPLSZH-DCA

SecurityNET installation twisted cable is intended to connect between distribution point of multimedia signals and user's connectors. U/UTP twisted cable (unshielded) is perfectly suited for installations in computer networks, phone networks, CCTV systems, etc. Which may not be exposed to electromagnetic disturbance. It has an outer coating of LSZH. The cable meets requirements of structured cabling: ISO/IEC11801, TIA-568-C.2, EN 50173.

- for indoor use
- high-quality of the workmanship (copper)
- tested (measurement performed on the distance of 90 meters with Fluke Networks DSX-5000)
- meets requirements of cat. 6 U/UTP

### TECHNICAL DATA:

construction:	4x2	installation temperature:	from 0°C to +50°C
conductor core:	0,55 mm	NVP:	68%
execution core:	copper wire [Cu]	Delay Skew (ns/100 m):	≤45
insulation core:	HDPE 0,95 mm	bending radius:	8 x diameter
thickness:	0,55 mm	pair separator:	yes
nominal diameter:	5,8 mm LSZH	color:	RAL 7035
characteristic impedance 1-250 MHz:	100 Ω	CPR class:	B2ca-s1a,d1,a1
max. resistance 1-250 MHz:	9,5 (Ω/100m)		Cca-s1a,d1,a1
operating temperature:	from -20°C to +60°C		Dca-s2,d2,a1

Transmission frequency	1	4	10	16	20	31,3	62,5	100	200	250
NEXT ≥ dB/100 m	74,3	65,3	59,3	56,2	54,8	51,9	47,7	44,3	39,8	38,3
Attenuation ≤ dB/100 m	2	3,8	6	7,6	8,5	10,7	15,4	19,8	29	32,9
Return loss ≥ dB/100 m	20	23	25	25	25	23,6	21,5	20,1	18	7,3
PSNEXT ≥ dB/100 m	72,3	63,3	57,3	54,2	52,8	49,9	45,4	42,3	37,8	36,3
ELFEXT ≥ dB/100 m	67,8	55,8	47,8	43,7	41,8	37,9	31,9	27,8	21,8	19,8
PSELFEXT ≥ dB/100 m	64,8	52,8	44,8	40,7	38,8	34,9	28,9	24,8	18,8	16,8
Delay ≤ ns/100 m	570	552	545	543	542	540	539	538	537	536