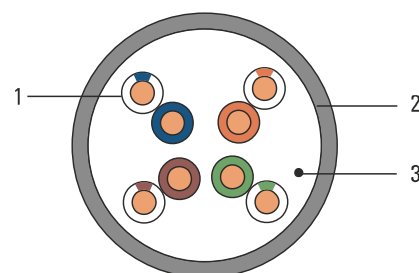


5e U/UTP LSZH



1. Conductor
2. Sheath
3. Rip-cord



Cat. No.: SEC5EUTPLSZH-B2CA, SEC5EUTPLSZH-CCA, SEC5EUTPLSZH-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. 5e U/UTP

TECHNICAL DATA:

construction:	4x2	installation temperature:	from 0°C to +50°C
conductor core:	0,5 mm	NVP:	68%
execution core:	copper wire (Cu)	Delay Skew (ns/100m):	≤ 45
insulation core:	HDPE 0,87 mm	Minimum bending radius:	8 x diameter
thickness:	0,50 mm	color:	RAL 9010
nominal diameter:	5 mm LSZH	CPR class:	B2ca-s1a,d0,a1 Cca-s1a,d0,a1 Dca-s2,d1,a1
characteristic impedance 1-100 MHz:	100 Ω		
max. resistance 1-100MHz:	9,5 (Ω/100 m)		
operating temperature:	from -20°C to +60° C		

Transmission frequency	1	4	8	10	16	22	25	31,3	62,5	100
NEXT ≥ dB/100 m	65,3	56,3	51,8	50,3	47,2	45,8	44,3	42,9	38,4	35,3
Attenuation ≤ dB/100 m	2,0	4,1	5,8	6,5	8,2	9,3	10,4	11,7	17,0	22,0
Return loss ≥ dB/100 m	20,0	23,0	24,5	25,0	25,0	25,0	24,3	23,6	21,5	20,1
PSNEXT ≥ dB/100 m	62,3	53,3	48,8	47,3	44,4	42,8	41,3	39,9	35,4	32,3
ELFEXT ACR-F ≥ dB/100 m	63,8	51,8	45,7	43,8	39,7	37,8	35,8	33,9	27,9	23,8
PS ELFEXT PS-ACR ≥ dB/100 m	60,8	48,8	42,7	40,8	36,7	34,8	32,8	30,9	24,9	20,8
Delay ≤ ns/100 m	570	552	547	545	543	542	541	540	539	538