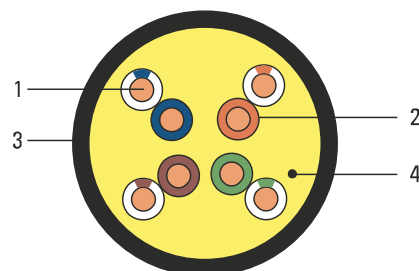


# OUTDOOR TWISTED PAIR CABLES – JELLY FILLED

## 5e U/UTP



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



### Cat. No.: SEC5EUTPG

Security Net U/UTP jelly twisted cable (unshielded) cat 5e is intended for outdoor installation, does not require covers or protecting tubes. It is perfectly suited for installations in computer networks, phone networks, CCTV systems, etc., which may not be exposed to electromagnetic disturbance. Cable is resistant to UV radiation. It has an outer coating of PE.

- for outdoor use (PE coat)
- jelly filled
- high-quality of the workmanship (copper)
- UV- resistant
- tested (measurement performed on the distance of 90 meters with Fluke Networks DSX-5000 measure)
- meets requirements of cat. 5e U/UTP

### TECHNICAL DATA:

construction:	4x2	operating temperature:	from -30°C to +60°C
conductor core:	0,5 mm	installation temperature:	from -10°C to +70°C
execution core:	copper wire [Cu]	fulfillment:	jelly filled
insulation core:	HDPE 1,00 mm	Delay Skew (ns/100 m):	≤ 45
thickness:	0,55 mm	bendig radius:	8 x diameter
nominal diameter:	5,6 mm LDPE	NVP:	65%
	(compatible with RoHS)	color:	RAL 9005
characteristic impedance 1-100MHz:	100 Ω	CPR class:	Fca
max. resistance 1-100MHz:	9,5 (Ω/100m)		

Transmission frequency	1	4	8	10	16	20	25	31,25	62,5	100
NEXT ≥ dB/100 m	60	54,8	50	48,5	45,2	43,7	42,1	40,5	35,7	32,3
Attenuation ≤ dB/100 m	3,0	3,9	5,5	6,2	7,9	8,9	10	11,2	16,2	21
Return loss ≥ dB/100 m	19	19	19	19	19	19	18	17,1	14,1	12
PSNEXT ≥ dB/100 m	57,0	51,8	47	45,5	42,2	40,7	39,1	37,5	32,7	29,3
ELFEXT ≥ dB/100 m	58,6	46,6	40,6	38,6	34,5	32,6	30,7	28,7	22,7	18,6
PSELFEXT ≥ dB/100 m	55,6	43,6	37,5	35,6	31,5	29,6	27,7	25,7	19,7	15,6
Delay ≤ ns/100 m	521	504	500	498	496	495	495	494	492	491