

OUTDOOR TWISTED PAIR CABLES – JELLY FILLED

5e U/UTP



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

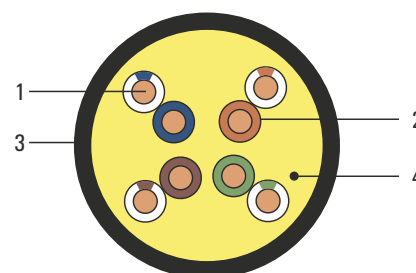
Cat. No.: SEC5EUTPG

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.

TECHNICAL DATA:

construction:	4x2
conductor core:	0,5 mm
execution core:	copper wire [Cu]
insulation core:	HDPE 1,00 mm
thickness:	0,55 mm
nominal diameter:	5,6 mm LDPE (compatible with RoHS)
characteristic impedance 1-100MHz:	100 Ω
max. resistance 1-100MHz:	9,5 (Ω/100m)

operating temperature:	from -30°C to +60°C
installation temperature:	from -10°C to +70°C
fulfillment:	jelly filled
Delay Skew (ns/100 m):	≤ 45
bendig radius:	8 x diameter
NVP:	65%
color:	RAL 9005
CPR class:	Fca



- 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
- also available in versions: 5e F/UTP, 6 U/UTP, 6 F/UTP

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