

OUTDOOR TWISTED PAIR CABLES – JELLY FILLED

6 U/UTP



1. Conductor
2. Sheath
3. Separator
4. Insulation
5. Rip-cord
6. Jelly filled

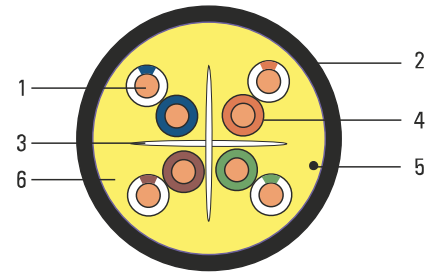
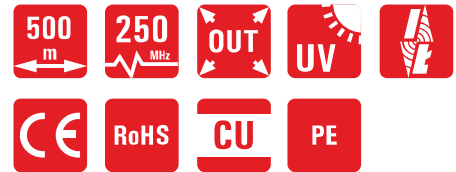
Cat. No.: SEC6UTPG

SecurityNet U/UTP jelly twisted cable (unshielded) cat. 6 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 PE.

TECHNICAL DATA:

construction: 4x2
 conductor core: 0,565 mm
 execution core: copper wire [Cu]
 insulation core: HDPE 1,12 mm
 thickness: 0,6 mm
 nominal diameter: 7,1 mm LDPE
 characteristic impedance 1-250 MHz: 100 Ω
 max. resistance 1-100 MHz: 9,5 (Ω/100 m)

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
 pair separator: yes
 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. 6 U/UTP

Transmission frequency	1	4	10	16	20	31,3	62,5	100	200	250
NEXT ≥ dB/100 m	65	64,1	57,8	54,6	53,1	50	45,1	41,8	36,9	35,3
Attenuation ≤ dB/100 m	3	3,5	5,5	7	7,9	10	14,4	18,6	27,4	31,1
Return loss ≥ dB/100 m	19,1	21	21	20	19,5	18,5	16	14	11	10
PSNEXT ≥ dB/100 m	62	61,8	55,5	52,2	50,7	47,5	42,7	39,9	34,3	32,7
ELFEXT ≥ dB/100 m	64,2	52,1	44,2	40,1	38,2	34,3	28,3	24,2	18,2	16,2
PSELFEXT ≥ dB/100 m	61,2	49,1	41,2	37,1	35,2	31,3	25,3	21,2	15,2	13,2
Delay ≤ ns/100 m	521	504	498	496	495	494	492	491	490	490