

OUTDOOR TWISTED PAIR CABLES – JELLY FILLED

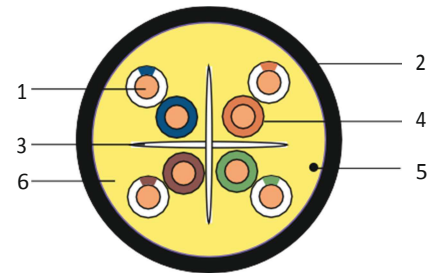
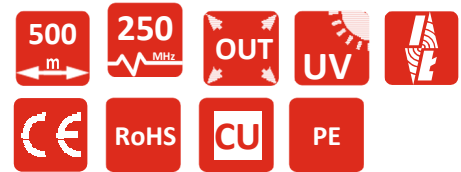
6 U/UTP



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

Cat. No.: SEC6UTPG

SecurityNet U/UTP jellytwisted 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.



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

TECHNICAL DATA:

| | | | |
|-------------------------------------|------------------|---------------------------|---------------------|
| construction: | 4x2 | operating temperature: | from -30°C to +75°C |
| conductor core: | 0,565 mm | installation temperature: | from -10°C to +70°C |
| execution core: | copper wire [Cu] | fulfillment: | jelly filled |
| insulation core: | HDPE 1,12 mm | Delay Skew (ns/100 m): | ≤ 45 |
| thickness: | 0,6 mm | bending radius: | 8 x diameter |
| nominal diameter: | 7,1 mm LDPE | pair separator: | yes |
| characteristic impedance 1-250 MHz: | 100 Ω | NVP: | 65 % |
| max. resistance 1-100 MHz: | 9,5 (Ω/100 m) | color: | RAL 9005 |
| | | CPR class: | Fca |

| 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 |