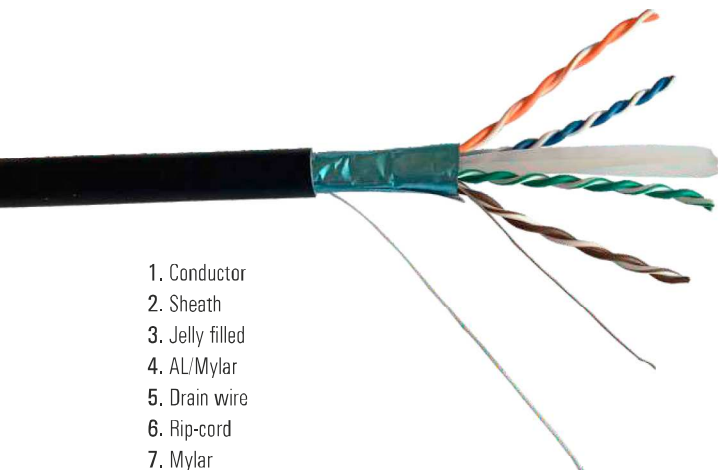
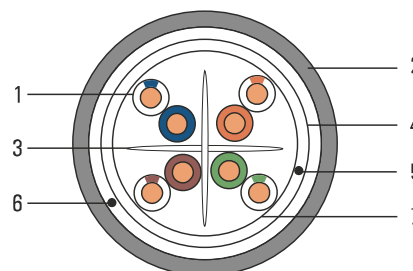


6A F/UTP



1. Conductor
2. Sheath
3. Jelly filled
4. AL/Mylar
5. Drain wire
6. Rip-cord
7. Mylar



nr kat: SEC6AFTPD

SecurityNET installation twisted cable is intended to connect between distribution point of multimedia signals and user's connectors. FTP twisted cable (shielded) is perfectly suited for installations in computer networks, phone networks, CCTV systems, etc., which may be exposed to electromagnetic disturbance. Screen application minimizes interference that may occur when the cables will put in the same pathway with other power cable. It has PE outer coating. The cable meets the requirements of structured cabling: ISO / IEC 11801, EIA / TIA 568-C.2, EN 50173.

- for outdoor use
- high-quality of the workmanship (copper)
- tested (measurement performed on the distance of 90 meters with Fluke Networks DSX-5000 measure)
- meets requirements of cat. 6A F/UTP

DANE TECHNICZNE:

| | | | |
|----------------------|------------------|----------------------------|-----------------------|
| construction: | 4x2 | max. resistance 1-500 MHZ: | 9,5 Ω / 100 m |
| conductor core: | AWG23 | operating temperature: | from -30 °C to +60 °C |
| execution core: | copper wire (Cu) | installation temperature: | from -5 °C to +60 °C |
| isulation core: | PE 1,02 mm | NVP: | 74 % |
| screen: | aluminium foil | Delay Skew (ns/100 m): | ≤ 45 |
| thickness: | 0,6 mm | minimum bending radius: | 10 x diameter |
| nominal diameter: | 7,5 mm PE | color: | RAL 9005 |
| impedance 1-500 MHZ: | 100 Ω | CPR class: | Fca |

| Transmission frequency | 1 | 4 | 8 | 10 | 16 | 20 | 25 | 31,25 | 65,5 | 100 | 200 | 250 | 300 | 400 | 500 |
|------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|
| NEXT ≥ dB/100 m | 74,3 | 66,3 | 61,8 | 60,3 | 57,2 | 55,8 | 54,3 | 52,9 | 48,4 | 45,3 | 40,8 | 39,3 | 38,1 | 36,3 | 34,8 |
| Attenuation ≤ dB/100 m | 2 | 3,8 | 5,3 | 6,0 | 7,6 | 8,5 | 9,5 | 10,7 | 15,4 | 19,8 | 29 | 32,8 | 34,3 | 40,1 | 45,3 |
| Return loss ≥ dB/100 m | 20 | 23 | 24,5 | 25 | 25 | 25 | 24,3 | 23,6 | 21,5 | 20,1 | 18 | 17,3 | 17,3 | 17,3 | 17,3 |
| PSNEXT ≥ dB/100 m | 72,3 | 63,3 | 58,8 | 57,3 | 54,2 | 52,8 | 51,3 | 49,9 | 45,4 | 42,3 | 37,8 | 36,3 | 35,1 | 33,3 | 31,8 |
| ELFEXT ≥ dB/100 m | 67,8 | 56 | 49,9 | 48 | 43,9 | 42 | 40 | 38,1 | 32,1 | 28 | 22 | 20 | 18,5 | 16 | 14 |
| PSSELFEXT ≥ dB/100 m | 64,8 | 53 | 46,9 | 45 | 40,9 | 39 | 37 | 35,1 | 29,1 | 25 | 19 | 17 | 15,5 | 13 | 11 |