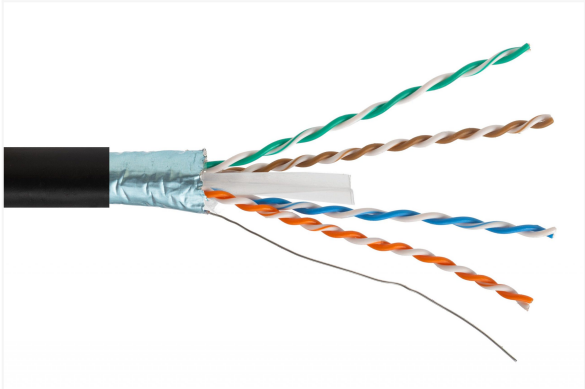
securityNET

SEC6AFTPD | 500MHz | 500m | Fca | PE

# securityNET F/UTP category 6A PE outdoor dry cable 500m



The securityNET Category 6A F/UTP installation twisted-pair cable is a four-pair data transmission cable designed for outdoor telecommunications and structured cabling installations. It is intended for connecting network devices such as computers, routers, switches, and IP CCTV cameras.
The foil shield helps reduce the impact of electromagnetic interference, while solid copper conductors ensure stable data transmission and compliance with Category 6A requirements, including Power over Ethernet (PoE) applications. The cable is commonly used in outdoor LAN networks and IP surveillance systems.
The cable complies with the requirements of the ISO/IEC 11801, EN 50173, and EIA/TIA 568-C.2 standards.

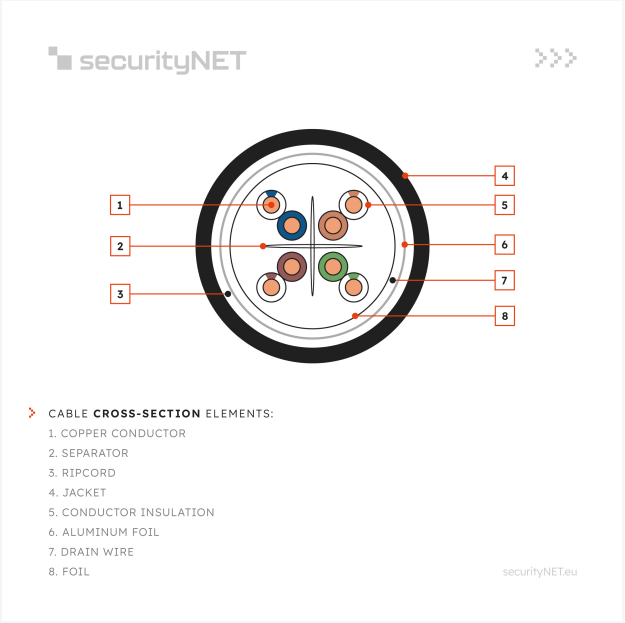
## Technical specifications

securityNET F/UTP category 6A PE outdoor dry cable 500m

| | |
|---|---|
| **Outer diameter** | 7,5mm |
| **Category/class** | 6A (Ea class) |
| **Shielding** | F/UTP |
| **Copper conductor thickness/AWG** | AWG23 |
| **Wires** | solid wire |
| **Conductors** | copper |
| **Conductor insulation** | PE 1.02mm |
| **Coating thickness** | 0,6mm |
| **Outer sheath** | PE |
| **CPR class** | Fca |
| **Cable construction** | 4x2 |


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| | |
|---|---|
| **Bend radius at installation** | 60mm |
| **Impedance** | 100Ω |
| **Delay Skew** | ≤45 |
| **Nominal propagation velocity (NVP)** | 74% |
| **Linear Resistance (max.)** | 9,5 (Ω/100m) |
| **Pair separator** | yes |
| **Operating temperature** | from -30°C to 60°C |
| **Installation temperature** | from -5°C to 60°C |
| **Quantity per package** | 500m |
| **Insulation color** | RAL 9005 |
| **RoHS** | yes |




## Polyethylene jacket for outdoor installation

The PE (polyethylene) sheath has been designed for cable installations in outdoor conditions, such as exposure to UV radiation, low and high temperatures, and increased humidity. securityNET cables, in their distinctive black color, offer greater resistance to mechanical damage compared to standard installation cables. The absence of gel filling indicates that the cable is designed for above-ground installations.

## A dependable network you can trust

The securityNET twisted pair cable is made of the highest quality copper, making it the optimal choice for building connections designed to last for years. It has undergone rigorous strength tests over a 90-meter length using a Fluke Networks DSX-8000 meter. Therefore, if you are seeking materials with exceptional durability, this is an excellent option.