**SEC6UTPG** **250MHz** **500m** **Fca** **PE**

## **securityNET U/UTP Category 6 PE outdoor gel- filled cable 500m**

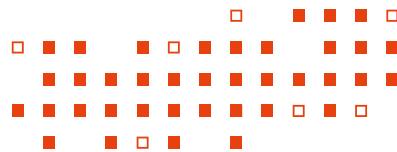
SecurityNET installation twisted-pair cable is designed to make connections between distribution points for multimedia signals and users' connection outlets. U/UTP (unshielded) twisted pair cable is an indispensable component for installations in computer networks, telephone networks, CCTV systems, etc., which are not subject to electromagnetic interference. It has a PE outer coating that protects it from damage due to external conditions. The cable meets the requirements of structured cabling standards: ISO/IEC 11801, EN 50173, EIA/TIA 568-C.2.



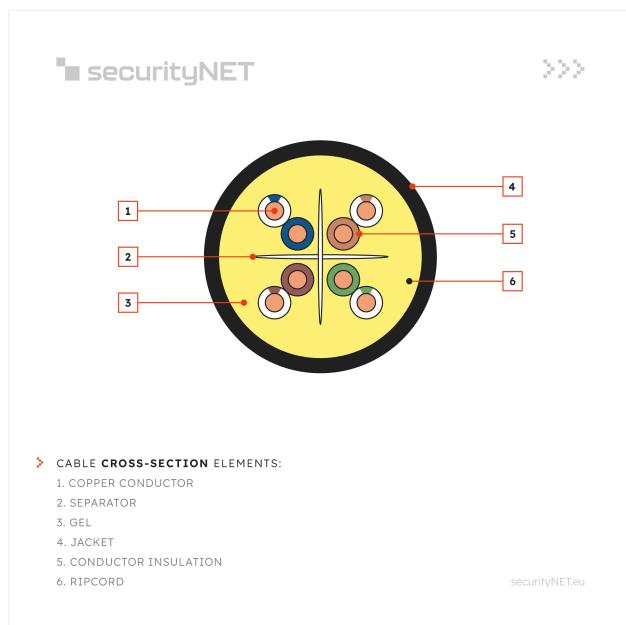
## **Technical specifications**

**securityNET U/UTP Category 6 PE outdoor gel-filled cable 500m**

<b>Outer diameter</b>	7,1
<b>Category/class</b>	6 (E class)
<b>Shielding</b>	U/UTP
<b>Copper conductor thickness/AWG</b>	0,565mm/AWG23
<b>Wires</b>	solid wire
<b>Conductors</b>	copper
<b>Conductor insulation</b>	HDPE 1,12mm
<b>Coating thickness</b>	0,6mm
<b>Outer sheath</b>	PE
<b>CPR class</b>	Fca
<b>Cable construction</b>	4x2
<b>Bend radius at installation</b>	57mm
<b>Impedance</b>	100Ω



Delay Skew	≤45
Nominal propagation velocity (NVP)	65%
Linear Resistance (max.)	9,5 (Ω/100m)
Pair separator	yes
Operating temperature	from -30°C to 60°C
Installation temperature	from -10°C to 70°C
Quantity per package	500m
Insulation color	RAL 9005
RoHS	yes



### Polyethylene jacket for outdoor installation

The PE (polyethylene) jacket is designed for cable installation in outdoor conditions, such as UV radiation, low and high temperatures, and increased humidity. securityNET cables, in their distinctive black color, are more resistant to mechanical damage compared to standard installation cables. Gel filling indicates that the cable is suitable for underground installation (conduit use is required).

### 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.