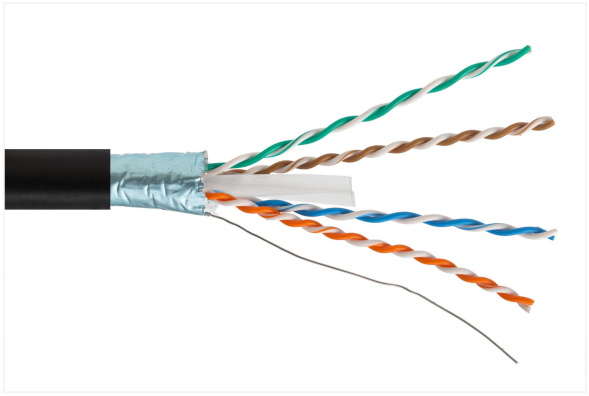
securityNET

SEC6FTPD | 250MHz | 500m | Fca | PE

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



The securityNET Category 6 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 6 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.

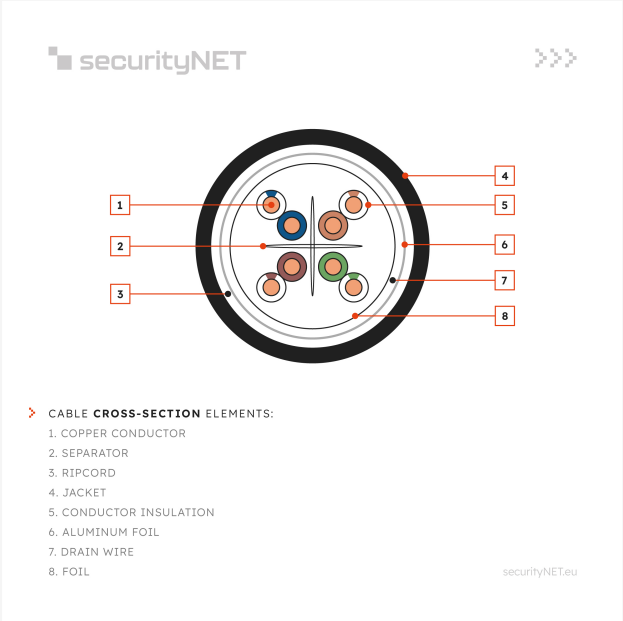
Technical specifications

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

Outer diameter	7,4mm
Category/class	6 (class E)
Shielding	F/UTP
Copper conductor thickness/AWG	AWG23
Wires	solid wire
Conductors	copper
Conductor insulation	PE 1,10mm
Coating thickness	0,6mm
Outer sheath	PE
CPR class	Fca
Cable construction	4x2
Bend radius at installation	60mm

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Impedance	100Ω
Delay Skew	≤45
Nominal propagation velocity (NVP)	68%
Linear Resistance (max.)	9,5 (Ω/100m)
Pair separator	yes
Operating temperature	from -30°C to 60°C
Installation temperature	from -5°C to 70°C
Quantity per package	500m
Insulation color	RAL 9005
RoHS	yes
Tensile Strength	≥ 90 N



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, with their distinctive black color, are more resistant to mechanical damage compared to standard installation cables.

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.