



EXTRALINK CAT6A FTP (F/UTP) OUTDOOR TWISTED PAIR WITH GEL 305M



link to the product:

<https://www.batna24.com/gb/p/cables-and-patch-cords/extralink-cat6a-ftp-f-utp-outdoor-twisted-pair-with-gel-305m>

Price: **1,120.00 zł** gross / 910.57 zł net

Manufacturer: EXTRALINK



Referention number: DNXXGKIMJJRMMJL

Information:

Extralink F/UTP Cat.6A is an outdoor network cable providing stable data transfer of up to 10 Gb/s and bandwidth of up to 500 MHz, ideal for demanding installations and 4K/8K monitoring. Made from 100% pure 24 AWG copper, it guarantees low attenuation, high reliability and full throughput over distances of up to 100 m. It supports PoE, PoE+ and PoE++, enabling devices to be powered via a single cable. The outer PE sheath with a gel layer protects against moisture, water, UV and mechanical damage, while F/UTP shielding effectively reduces EMI interference. Supplied on a 305 m reel, it makes installation easy and convenient.

Full product description

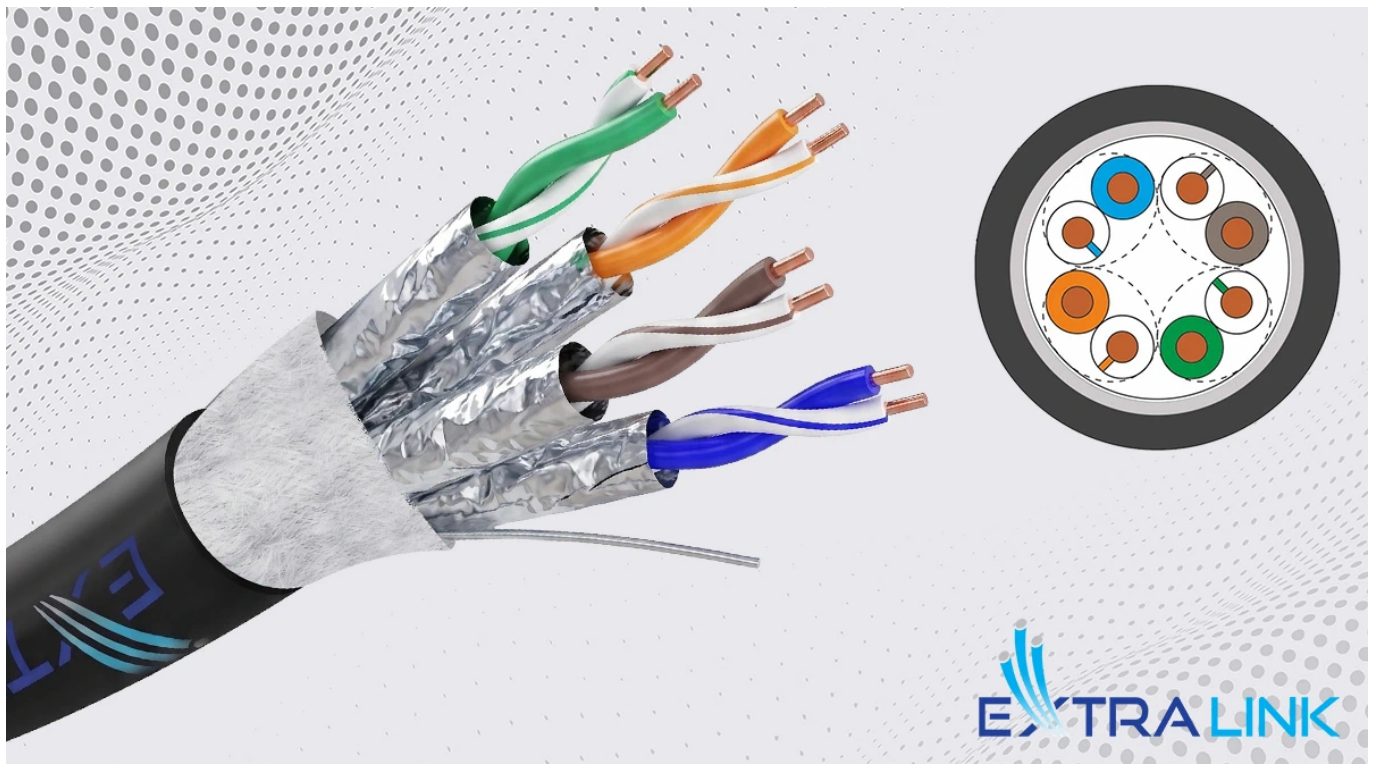
Stable data transmission outdoors at 10 Gb/s

The Extralink F/UTP category 6A network cable eliminates the problem of transmission interruptions in demanding outdoor installations and video surveillance systems. The operating frequency band of up to **500 MHz** supports the **10 Gigabit Ethernet** standard, which shortens the time needed to transfer large files and guarantees smooth image quality. The product is supplied on a convenient reel with a length of **305 metres**, which makes it easier to unroll the cable during installation.



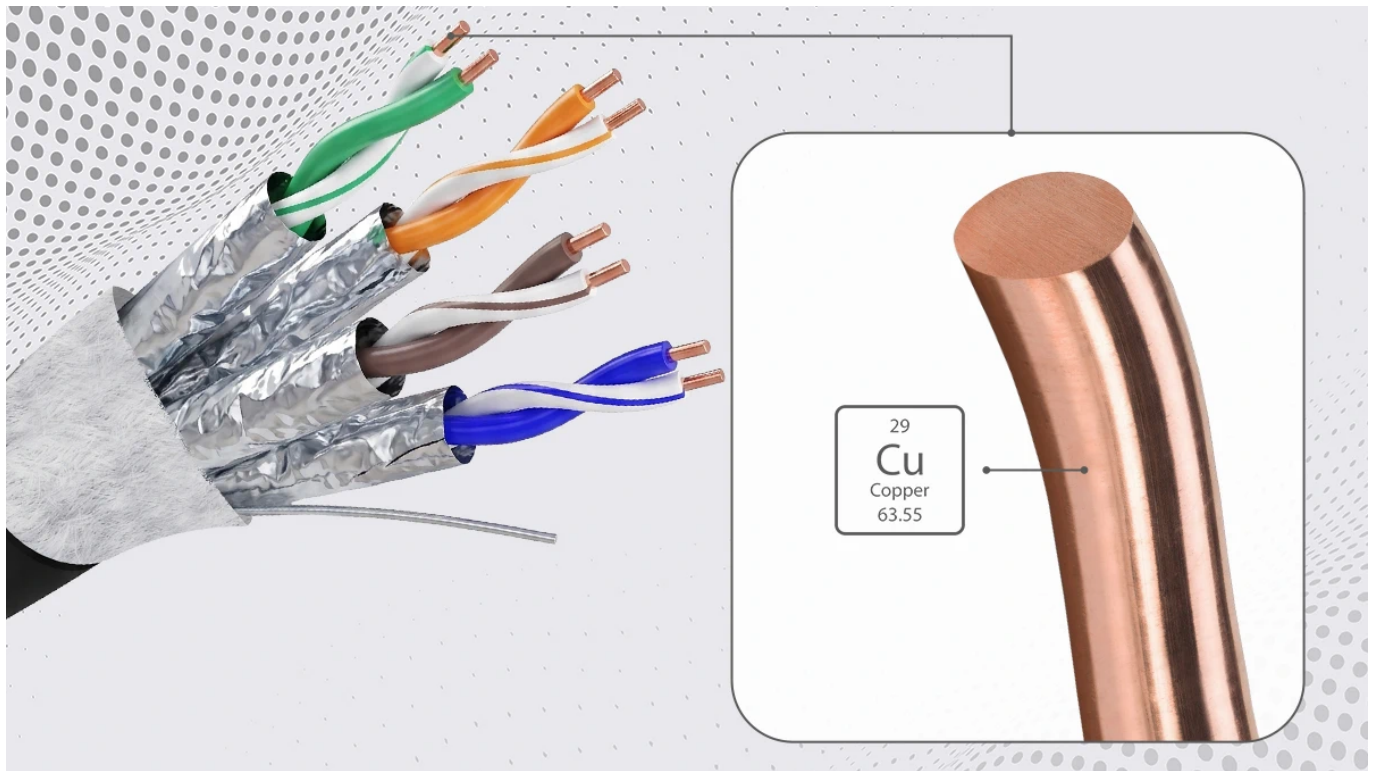
Key advantages

- Fast data transfer at speeds of up to **10 Gb/s** – provides immediate access to network resources without delays.
- 100% **pure copper 24 AWG** construction – minimises signal attenuation and guarantees a stable connection.
- Support for **PoE, PoE+ and PoE++** power technologies – eliminates the need to run separate power cables to cameras or access points.
- Outer polyethylene sheath with a **gel layer** – protects the installation against the destructive effects of water and moisture.
- Aluminium foil shielding in **F/UTP** architecture – blocks external electromagnetic interference.
- High frequency of up to **500 MHz** – enables simultaneous, trouble-free operation of many demanding system devices.



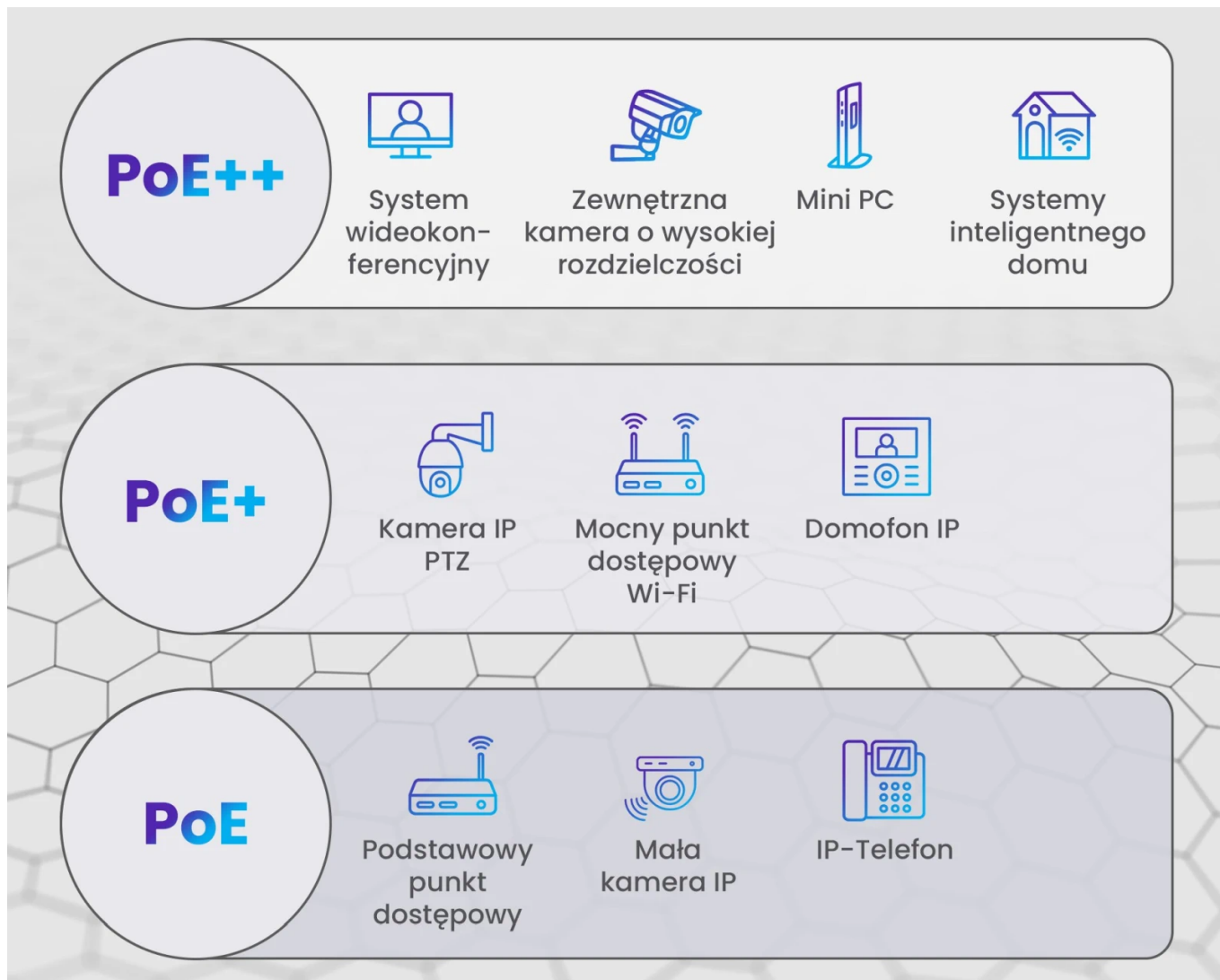
Maximum performance thanks to pure copper

The use of conductors made entirely of **pure copper** eliminates the risk of voltage drops and signal loss over long distances. The **24 AWG** conductors maintain the full throughput of the network structure, which directly translates into the stability of connected devices. The absence of admixtures of other metals prevents the material from oxidising, which extends the service life of the entire outdoor installation.



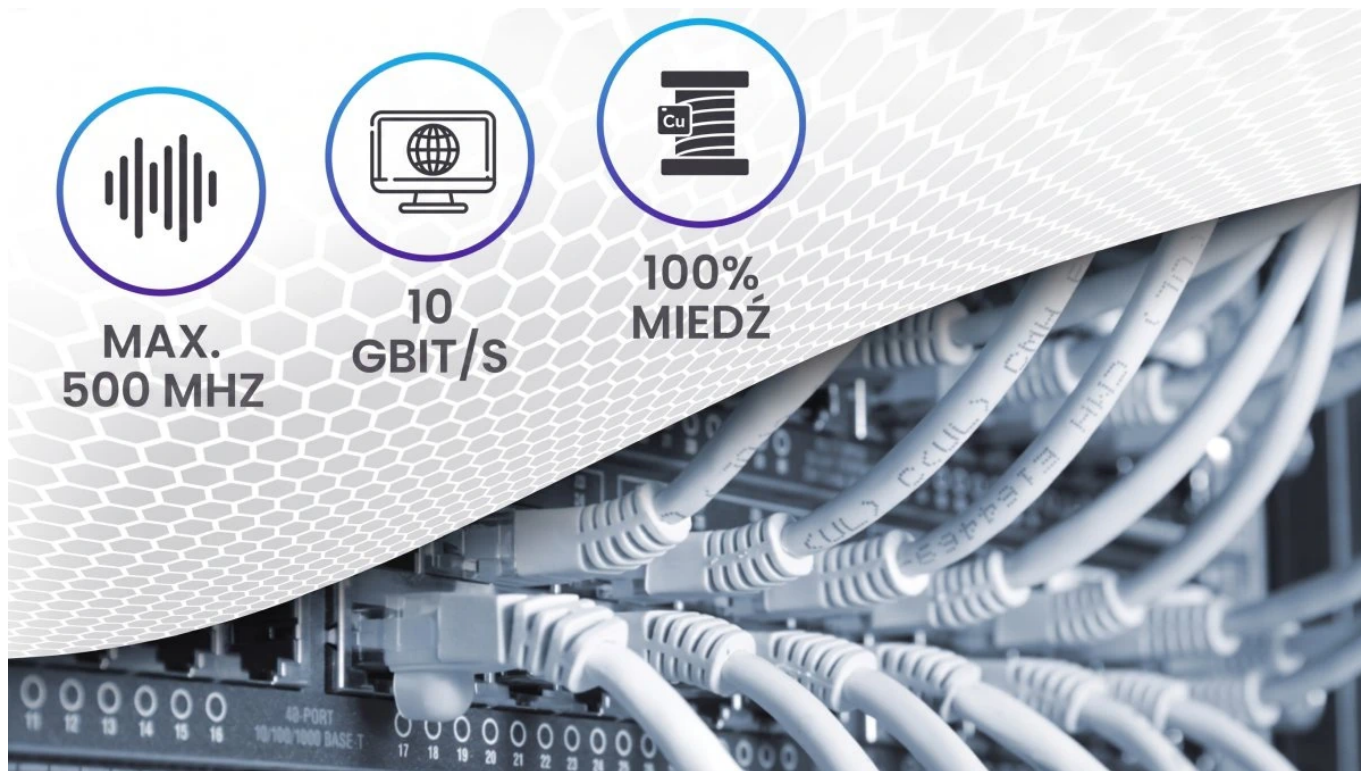
Power and data in one cable

Thick copper conductors are characterised by low resistance, which optimises compatibility with **PoE**, **PoE+** and **PoE++** technologies. The cable delivers electrical power and a digital signal to advanced devices without the risk of overheating the wires. This solution simplifies the structure of the data network and reduces expenditure on additional power cabling.



Fast transfer over long distances

The **Cat.6A** twisted-pair computer cable guarantees uncompromising maintenance of **10 Gb/s** speed over a distance of up to **100 metres**. The wide bandwidth eliminates network bottlenecks when transmitting large data packets simultaneously. This enables trouble-free streaming of 4K or 8K high-resolution surveillance footage directly to the recorder.



Effective protection against moisture

The durable outer sheath made of **polyethylene (PE)** protects the inside of the cable from ultraviolet radiation and mechanical damage. The longitudinal **gel coating** used blocks water from reaching the copper conductors even if the outer armour is damaged. The design allows the cable to be laid directly in the ground or in external conduit.



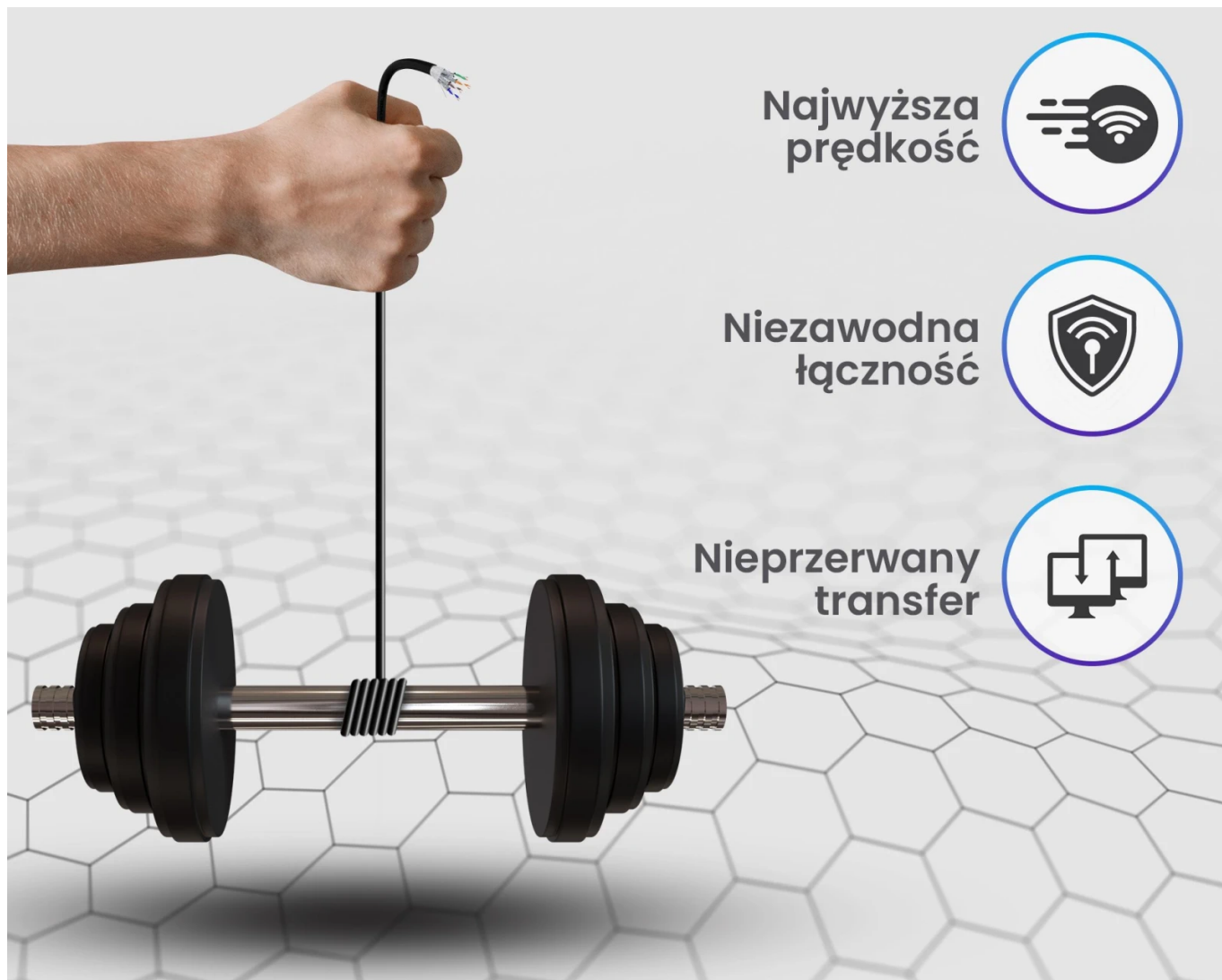
Promieniowanie
UV

Śnieg i mróz

Deszcz i wilgość

Protection of the signal against interference

The **F/UTP** architecture includes aluminium foil shielding together with a dedicated grounding conductor. Such shielding effectively suppresses external **electromagnetic interference (EMI)** and eliminates crosstalk between individual wire pairs. This ensures consistent data transmission smoothness near other power cables or radio equipment.



**Najwyższa
prędkość**



**Niezawodna
łączność**



**Nieprzerwany
transfer**

