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# Netrack plug RJ45 8p8c UTP stranded, cat. 6 (50pcs)



## Product price:

**PLN24.99 tax included**

## Product codes:

Reference: 105-506-50  
EAN13: 5905996210011  
UPC: -

## Product features:

Category / Class: 6 / E  
Type: UTP  
Height [mm]: 14  
Width [mm]: 11.5  
Depth [mm]: 22.3  
Weight [kg]: 0.0015  
Height of the packed product [mm]: 130  
Width of the packed product [mm]: 130  
Depth of the packed product [mm]: 30  
Weight of the packed product [kg]: 0.16  
Type of cable: cord  
Color: transparent, transparent

## Product short description:

RJ plugs are the most common termination of network and telephone cables. The

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high quality of RJ contacts and plugs is essential for the proper operation of computer networks. The 6/E plugs guarantee very good transmission parameters. They work well in combination with 6/E and 5e/D cables.

## Product description:

### Product description

**The RJ45 plug** is a modular connector, intended for installation by installers on twisted pair cables.

RJ45 plug - type due to the type of conductor

Depending on the type of wires, we distinguish 2 types of plugs - stranded and wired:

- **In a solid wire** , each conductor is made of a single, monolithic wire. Such a cable has high transmission parameters, but it is not flexible and therefore it is not resistant to repeated switching on and off. It is assumed that a wire connection should withstand 100 cycles.
- **In stranded wire** , each conductor is made of many very thin conductors. As a result, it is much more flexible and resistant to damage - the breakage of a single conductor does not significantly reduce the transmission parameters of the entire cable.

Match the type of connector to the cable used.

### Shielding

Another parameter is shielding. We distinguish **shielded or unshielded cables** . Shielding is an additional anti-interference shield of the twisted pair, made of a conductive foil or a special braid. Shielded **plugs** and other network elements should be used for shielded cables.

### Category and class of RJ45 plugs

The next parameter is category/class. When designing the network, it is determined what network class is required to ensure the required transmission parameters by the devices. The plugs used should not be of a lower category than the cabling. Technically and economically, the best results are obtained if all network elements are of the same category. The contacts of the plugs are gold-plated both at the point of connection with the cable and with the socket. The thickness of the coating guarantees repeated use, without losing the connection parameters.

### Use of RJ45 plugs

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The RJ45 plug is most often used to connect network computer devices. These are:

- switches, routers, modems, converters, patch panels
- servers, computers, disk arrays
- recorders (e.g. NVR DVR), cameras, Audio-Video devices
- other devices using a twisted pair cable for data transmission

RJ45 plugs - the most important features

- easy and quick installation
- hard and durable body
- sharp and properly profiled knives guarantee proper contact with various types of wires
- thick layer of gold guaranteeing durability of over 1000 cycles

Technical parameters:

- height 14mm
- width 11.5mm
- depth 22.3mm
- color: transparent, transparent
- Weight: 0.0014 kg

Contents of the package:

- 50 x RJ45 plug
- packaging dimensions H/W/D 130/130/30mm
- weight with packaging 0.075 kg

See also:

Inner cover

Tool - crimper

Wires

Sockets

Kaystone Jack

patch panels

**Product attributes:**

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