



## RJ45 male connector UTP Cat 6 for data cables + PVC Protective Sleeve

RJ45 UTP Cat 6 male connector to connect data cables.

Supplied in professional plastic box.

|                     |               |
|---------------------|---------------|
| <b>Ref.</b>         | 209961        |
| <b>Logical ref.</b> | CAT6S-U-SKW   |
| <b>EAN13</b>        | 8424450228449 |

### Other features

|                                 |                        |
|---------------------------------|------------------------|
| <b>Colour</b>                   | White                  |
| <b>Protective Sleeve colour</b> | White                  |
| <b>Supply method</b>            | Plastic box (25 units) |

### Packaging info

|                    |         |
|--------------------|---------|
| <b>Plastic box</b> | 25 pcs. |
|--------------------|---------|

### Physical data

|                            |          |
|----------------------------|----------|
| <b>Net weight</b>          | 75.00 g  |
| <b>Gross weight</b>        | 75.00 g  |
| <b>Width</b>               | 11.00 mm |
| <b>Height</b>              | 21.00 mm |
| <b>Depth</b>               | 10.00 mm |
| <b>Main product weight</b> | 1.00 g   |

### Highlights

- Multiple-connection guaranteed without losses
- Includes PVC protective sleeve
- Compatible with Cat 6 or below

- Mounting requires a crimping plier
- 50 microns gold-plated pins

## Discover

### What is the RJ45?

The RJ45 is a connector commonly used in structured cable networks. With up to 8 connection pins, it is adequate both for data networks (8 pairs), as well as telephone networks (2 pairs). It is usually used in networks compliant with standards TIA/EIA-568-B.

### Compatibility of RJ45 connectors with Televes data cables:

| Reference         | 219602        | 219701 | 219901 | 219910 | 212201 | 2123 | 212302 | 212305 | 212310 | 212101 | 219302 | 219312 | 219313 | 219322 |
|-------------------|---------------|--------|--------|--------|--------|------|--------|--------|--------|--------|--------|--------|--------|--------|
| Female connectors | 209901/209907 | OK     | OK     | OK     | OK     | OK   | OK     | OK     | OK     | OK     | X      | X      | X      | X      |
|                   | 209905        | OK     | OK     | OK     | OK     | OK   | OK     | OK     | OK     | OK     | X      | X      | X      | X      |
|                   | 209921/209925 | OK     | OK     | OK     | OK     | OK   | OK     | OK     | OK     | OK     | X      | X      | OK     | OK     |
|                   | 209926        | OK     | OK     | OK     | OK     | OK   | OK     | OK     | OK     | OK     | X      | X      | OK     | OK     |
|                   | 209903        | OK*    | OK*    | OK     | OK*    | OK*  | OK*    | OK*    | OK*    | OK*    | OK     | X      | X      | X      |
|                   | 209923        | OK*    | OK*    | OK     | OK*    | OK*  | OK*    | OK*    | OK*    | OK*    | OK     | OK     | OK*    | OK*    |
|                   | 209929/209501 | OK*    | OK*    | OK     | OK*    | OK*  | OK*    | OK*    | OK*    | OK*    | OK     | OK     | OK*    | OK*    |
| Male connectors   | 209902        | OK     | OK     | OK     | OK     | OK   | OK     | OK     | OK     | OK     | X      | X      | X      | X      |
|                   | 209961/209962 | OK     | OK     | OK     | OK     | OK   | OK     | OK     | OK     | OK     | X      | X      | X      | X      |
|                   | 209904        | OK*    | OK*    | OK     | OK*    | OK*  | OK*    | OK*    | OK*    | OK*    | OK     | X      | X      | X      |
|                   | 209906        | OK     | OK     | OK     | OK     | OK   | OK     | OK     | OK     | OK     | X      | X      | X      | X      |
|                   | 209965/209966 | OK     | OK     | OK     | OK     | OK   | OK     | OK     | OK     | OK     | X      | X      | X      | X      |
|                   | 209922        | OK*    | OK*    | OK     | OK*    | OK*  | OK*    | OK*    | OK*    | OK*    | X      | X      | OK     | OK     |
|                   | 209924        | OK*    | OK*    | OK     | OK*    | OK*  | OK*    | OK*    | OK*    | OK*    | OK*    | OK     | OK*    | OK*    |

OK Compatible

OK\* Compatible, but there are better choices

X Incompatible

\*\* Mechanical compatibility

## Technical specifications : Ref. 209961

|                                 |     |  |               |
|---------------------------------|-----|--|---------------|
| Data connector model            |     |  | Male          |
| Data connector type             |     |  | RJ45          |
| Categorie                       |     |  | Cat 6         |
| Shielding type                  |     |  | UTP           |
| Housing material                |     |  | Polycarbonate |
| Voltage max.                    | Vac |  | 150           |
| Max. current                    | A   |  | 1.5           |
| Contact resistance              | mΩ  |  | 20            |
| Insulation resistance           | MΩ  |  | 1000          |
| Dielectric strength (60Hz/1min) | Vac |  | 1000          |
| Conductor type AWG              |     |  | 26 ... 23     |
| Special tool required           |     |  | Yes           |
| Durability (connection cycles)  |     |  | 750           |
| Reusable                        |     |  | No            |
| Cable output                    |     |  | 180°          |