



## RJ45 female connector UTP Cat 6 for data cables

RJ45 UTP Cat 6 female connector, reusable and easy to connect. Assembly using a specific tool is recommended to guarantee a perfect finish.

Supplied in 15-unit professional plastic box.

|                     |               |
|---------------------|---------------|
| <b>Ref.</b>         | 209907        |
| <b>Logical ref.</b> | CAT6B-US      |
| <b>EAN13</b>        | 8424450282465 |

### Other features

|                        |                        |
|------------------------|------------------------|
| <b>Colour</b>          | Black                  |
| <b>Supply method</b>   | Plastic box (15 units) |
| <b>Connection type</b> | Female                 |

### Packing

|                    |         |
|--------------------|---------|
| <b>Plastic box</b> | 15 pcs. |
|--------------------|---------|

### Physical data

|                            |          |
|----------------------------|----------|
| <b>Net weight</b>          | 6.00 g   |
| <b>Gross weight</b>        | 9.00 g   |
| <b>Width</b>               | 22.00 mm |
| <b>Height</b>              | 30.00 mm |
| <b>Depth</b>               | 16.00 mm |
| <b>Main product weight</b> | 6.00 g   |

### Highlights

- Self-crimpable connector, although the use of a termination and cutting tool is recommended to optimize connections (ref.209811)
- Reusable: can be removed and reinstalled without deteriorating or losing functionality
- Multiple-connection guaranteed without losses
- Compatible with Cat 6 or below

- Front (180°) or angled (90°) cable input
- Connection table (A or B) on the connector
- 50 microns gold-plated pins

## Discover

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### 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 | 219910 | 212201 | 2123 | 212302 | 212305 | 212310 | 212101 | 219302 | 219312 | 219322 | 219102 | 212330 |
|-------------------|---------------|--------|--------|--------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Female connectors | 209901/209907 | OK     | OK     | OK     | OK   | OK     | OK     | OK     | X      | X      | X      | X      | X      | OK     |
|                   | 209905        | OK     | OK     | OK     | OK   | OK     | OK     | OK     | X      | X      | X      | X      | X      | OK     |
|                   | 209921/209925 | OK     | OK     | OK     | OK   | OK     | OK     | OK     | X      | X      | OK     | X      | X      | OK     |
|                   | 209903        | OK*    | OK*    | OK*    | OK*  | OK*    | OK*    | OK*    | OK     | X      | X      | X      | X      | OK*    |
|                   | 209923        | OK*    | OK*    | OK*    | OK*  | OK*    | OK*    | OK*    | OK     | OK     | OK*    | OK     | **     | OK*    |
|                   | 209501        | OK*    | OK*    | OK*    | OK*  | OK*    | OK*    | OK*    | OK     | OK     | OK*    | OK     | **     | OK*    |
| Male connectors   | 209902        | OK     | OK     | OK     | OK   | OK     | OK     | OK     | X      | X      | X      | X      | X      | OK     |
|                   | 209961/209962 | OK     | OK     | OK     | OK   | OK     | OK     | OK     | X      | X      | X      | X      | X      | OK     |
|                   | 209904        | OK*    | OK*    | OK*    | OK*  | OK*    | OK*    | OK*    | OK     | X      | X      | X      | X      | OK*    |
|                   | 209906        | OK     | OK     | OK     | OK   | OK     | OK     | OK     | X      | X      | X      | X      | X      | OK     |
|                   | 209965/209966 | OK     | OK     | OK     | OK   | OK     | OK     | OK     | X      | X      | X      | X      | X      | OK     |
|                   | 209922        | OK*    | OK*    | OK*    | OK*  | OK*    | OK*    | OK*    | X      | X      | OK     | X      | X      | OK*    |
|                   | 209924        | OK*    | OK*    | OK*    | OK*  | OK*    | OK*    | OK*    | OK*    | OK     | OK*    | OK     | **     | OK*    |

OK Compatible

OK\* Compatible, but there are better choices

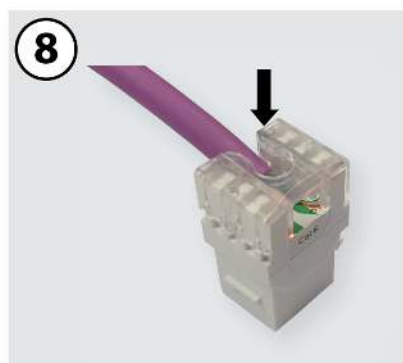
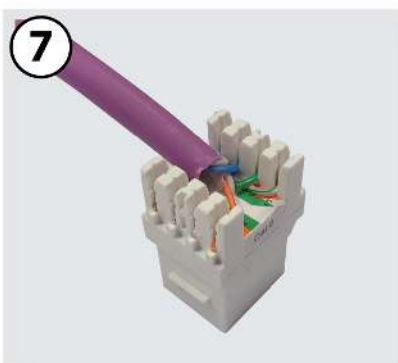
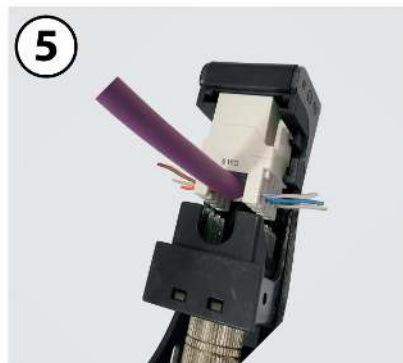
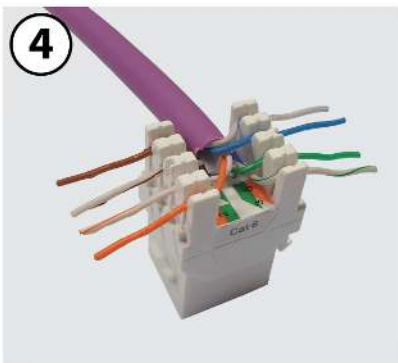
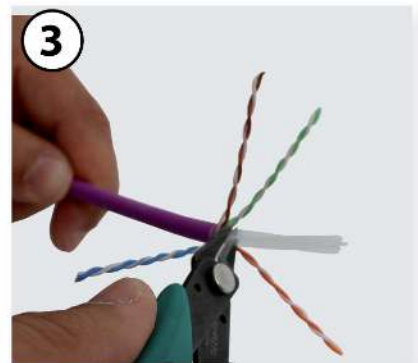
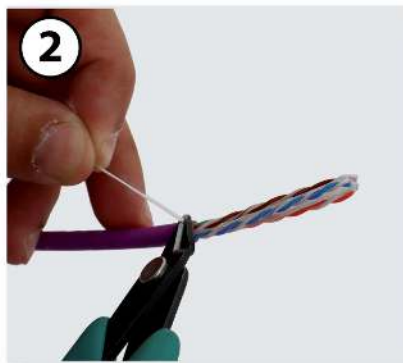
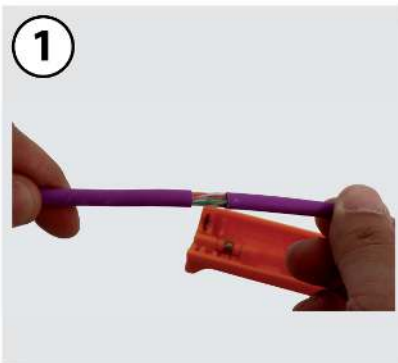
X Incompatible

\*\* Mechanical compatibility

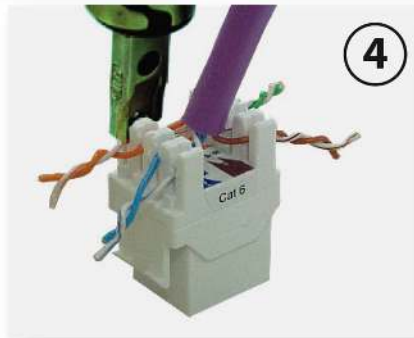
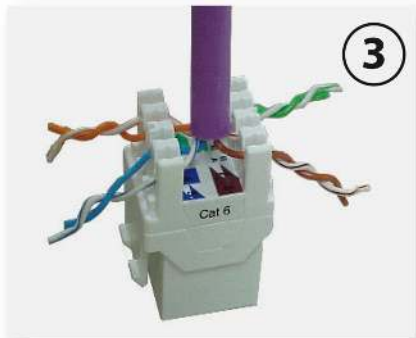
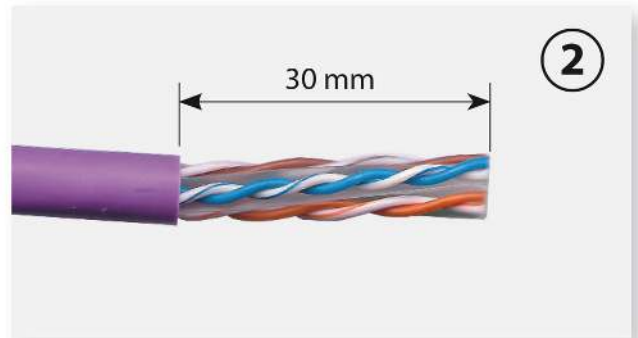
## Mounting details

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### Assembly with tool



### Assembly without tool



## Technical specifications : Ref. 209907

|                                 |     |  |             |
|---------------------------------|-----|--|-------------|
| Data connector model            |     |  | Female      |
| Data connector type             |     |  | RJ45        |
| Categorie                       |     |  | Cat 6       |
| Connector shielding             |     |  | No          |
| Voltage max.                    | Vac |  | 150         |
| Max. current                    | A   |  | 1.5         |
| Contact resistance              | mΩ  |  | 100         |
| Insulation resistance           | MΩ  |  | 500         |
| Dielectric strength (60Hz/1min) | Vac |  | 1000        |
| Conductor type AWG              |     |  | 26 ... 23   |
| Special tool required           |     |  | Recommended |
| Durability (connection cycles)  |     |  | 1500        |
| Reusable                        |     |  | Yes         |
| Cable output                    |     |  | 90°-180°    |