



Televes reserves the right to modify the product

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.

Ref.209901

Art.Nr

CAT6B-U

EAN13

8424450162828

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

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 | OK | X | X | X | X | X | OK |
| | 209905 | OK | OK | OK | OK | OK | OK | OK | OK | X | X | X | X | X | OK |
| | 209921/209925 | OK | OK | OK | OK | OK | OK | OK | OK | X | X | OK | X | X | OK |
| | 209903 | OK* | 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 | ** | OK* |
| | 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 | X | X | X | X | X | OK |
| | 209961/209962 | OK | OK | OK | OK | OK | OK | OK | OK | X | X | X | X | X | OK |
| | 209904 | OK* | OK* | OK* | OK* | OK* | OK* | OK* | OK* | OK | X | X | X | X | OK* |
| | 209906 | OK | OK | OK | OK | OK | OK | OK | OK | X | X | X | X | X | OK |
| | 209965/209966 | OK | OK | OK | OK | OK | OK | OK | OK | X | X | X | X | X | OK |
| | 209922 | OK* | 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* |

OK Compatible

OK* Compatible, but there are better choices

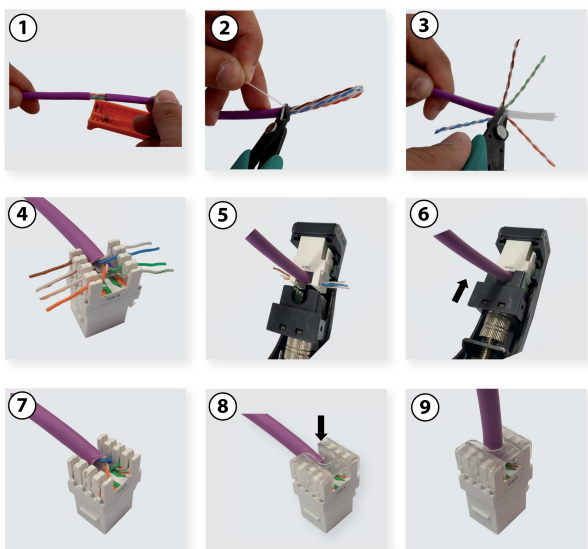
X Incompatible

** Mechanical compatibility

Additional information

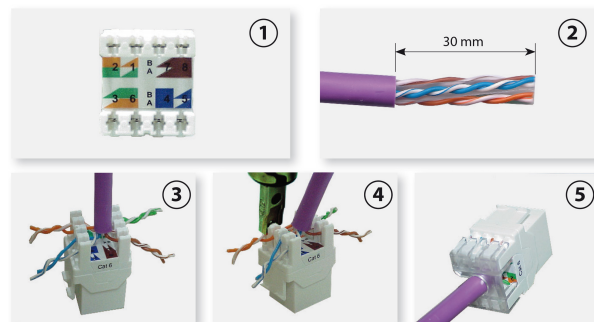
(Click to see the picture)

Mounting details



Assembly with tool

Mounting details



Assembly without tool

Technical specifications

| | | |
|---------------------------------|-----|---------------|
| Data connector model | | Female |
| 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 | 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° |