



*Televes reserves the right to modify the product*

## RJ45 female connector Wing nut type UTP Cat 6 for data cables

RJ45 UTP Cat 6 female connector, reusable and easy to connect since no specific tools are required. The connector allows self-crimping by rotating the wing nut built into the rear part.

Supplied in 10-unit professional plastic box.

**Ref.209905**

**Art.Nr**

CAT6BF-U

**EAN13**

8424450251621

### Highlights

- Wing nut-type connector: the rotation of the wing nut guarantees the necessary fixation and mechanical reliability
- No tools required: crimping is done by turning the wingnut with the fingers
- Reusable: can be removed and reinstalled without deteriorating or losing functionality
- Multiple-connection guaranteed without losses
- Optimal for Cat 6 UTP, Cat 5e UTP and Cat 5 UTP
- Front (180°) cable input
- Labels with connection diagrams (A or B) are included 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

## Technical specifications

Data connector model		Female
Data connector type		RJ45
Categorie		Cat 6
Shielding type		UTP
Housing material		Polycarbonate
Voltage max.	Vac	125
Max. current	A	1.5
Contact resistance	mΩ	100
Insulation resistance	MΩ	1000
Dielectric strength (60Hz/1min)	Vac	750
Conductor type AWG		26 ... 23
Special tool required		No
Durability (connection cycles)		750
Reusable		Yes
Cable output		180°