



## RJ45 male connector pass through UTP Cat 6 for data cables

RJ45 UTP Cat 6 male pass through connector to connect data cables. The pass-through type system provides convenience and reliability when connecting a cable. The pairs are inserted through all the way to the other end, ensuring that they all reach the bottom of the connector and then the excess is cut off. This ensures that the pairs are in contact with the pins and the connector is accurately connected.

In addition, the probability of error is reduced, as the pass-through design allows for a visual check at the connector output to ensure that the pair order complies with the chosen TIA standard.

Supplied in professional plastic box.

<b>Ref.</b>	209906
<b>Logical ref.</b>	CAT6S-U-D
<b>EAN13</b>	8424450267783

### Other features

<b>Supply method</b>	Plastic box (50 units)
----------------------	------------------------

### Packaging info

### Physical data

<b>Net weight</b>	1.00 g
<b>Gross weight</b>	1.00 g
<b>Width</b>	11.00 mm
<b>Height</b>	21.00 mm

<b>Plastic box</b>	50 pcs.	<b>Depth</b>	10.00 mm
		<b>Main product weight</b>	1.00 g

## Highlights

- Lower rejection rate: as the pairs are stuck out of the end of the connector, the excess is cut off, ensuring a correct length and therefore, a reliable connection is always achieved
- Better NEXT levels: by fitting the pairs all the way to the end of the connector, the twist can be kept very close to the pins, reducing the risk of NEXT dropping, as the NEXT decreases as the twist is lost
- Extra security thanks to easy verification that all wires are correctly inserted
- Multiple-connection guaranteed without losses
- Compatible with Cat 6 or below
- Mounting requires a crimping tool for pass-through connectors (Ref. 209802)
- 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	X	X	X	X	X
	209905	OK	OK	OK	OK	OK	OK	OK	OK	X	X	X	X	X
	209921/209925	OK	OK	OK	OK	OK	OK	OK	OK	X	X	OK	OK	X
	209926	OK	OK	OK	OK	OK	OK	OK	OK	X	X	OK	OK	X
	209903	OK*	OK*	OK	OK*	OK*	OK*	OK*	OK*	OK	X	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	X	X	X	X	X
	209961/209962	OK	OK	OK	OK	OK	OK	OK	OK	X	X	X	X	X
	209904	OK*	OK*	OK	OK*	OK*	OK*	OK*	OK*	OK	X	X	X	X
	209906	OK	OK	OK	OK	OK	OK	OK	OK	X	X	X	X	X
	209965/209966	OK	OK	OK	OK	OK	OK	OK	OK	X	X	X	X	X
	209922	OK*	OK*	OK	OK*	OK*	OK*	OK*	OK*	X	X	OK	OK	X
	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. 209906

Data connector model			Male
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		20
Insulation resistance	MΩ		500
Dielectric strength (60Hz/1min)	Vac		1000
Conductor type AWG			26 ... 23
Special tool required			Yes
Durability (connection cycles)			750
Reusable			No
Cable output			180°