



Data connectors kit RJ45 - UTP Cat 6

Professional kit with carrying case equipped with:

- 50 RJ45 UTP Cat 6 Male connectors (ref. 209902)
- 15 RJ45 UTP Cat 6 Female connectors (ref. 209901)
- 1 Crimping tool (ref. 209801)
- 10 Velcro flange (ref. 200102)

Ref.	209401
Logical ref.	PCAT2000
EAN13	8424450205754

Packaging info

Box	1 pcs.
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Physical data

Net weight	874.00 g
Gross weight	874.00 g
Width	250.00 mm
Height	70.00 mm
Depth	212.00 mm
Main product weight	874.00 g

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

What is the PoE technology?

PoE (Power over Ethernet) technology enables the simultaneous transmission of power and data over the same Ethernet network cable, eliminating the need for separate power supplies. Currently, there are three main standards: IEEE 802.3af (PoE), IEEE 802.3at (PoE+), and IEEE 802.3bt (PoE++/4PPoE). The latter defines two additional types (Type 3 and Type 4) with higher power levels, making four PoE levels in total.

The three aspects that differentiate the different types of PoE are:

1. Maximum PSE (Power Sourcing Equipments) Power: Indicates the maximum amount of electrical power that can be supplied by an equipment over the Ethernet cable.



Type 1: IP phones, basic IP cameras, low-demand Wi-Fi access points, sensors or simple IoT devices.

Type 2: Dual band Wi-Fi access points, IP motion cameras (PTZ), IP video phones, alarm systems.

Type 3: Wi-Fi 6 / Wi-Fi 6E access points, heated PTZ cameras, multimedia terminals, video conferencing equipment.

Type 4: Monitors or touch screens, desktops, high-performance network equipment.

Devices that support a certain type of PoE can also be powered by a higher type, offering greater versatility and scalability in installations.

Main advantages of PoE technology in installations:

8. Quick and cost-effective installation by using the same cable for power and data transmission.
9. Greater installation flexibility as there is no need to rely on auxiliary power sockets.



10. More efficient management and optimised maintenance thanks to the monitoring and administration of the power supply of all equipment from a single point.
11. Cost reduction by avoiding electrical conduits and external power supplies.
12. Increased safety by minimising electrical risks in the installation, thanks to the use of low voltage.