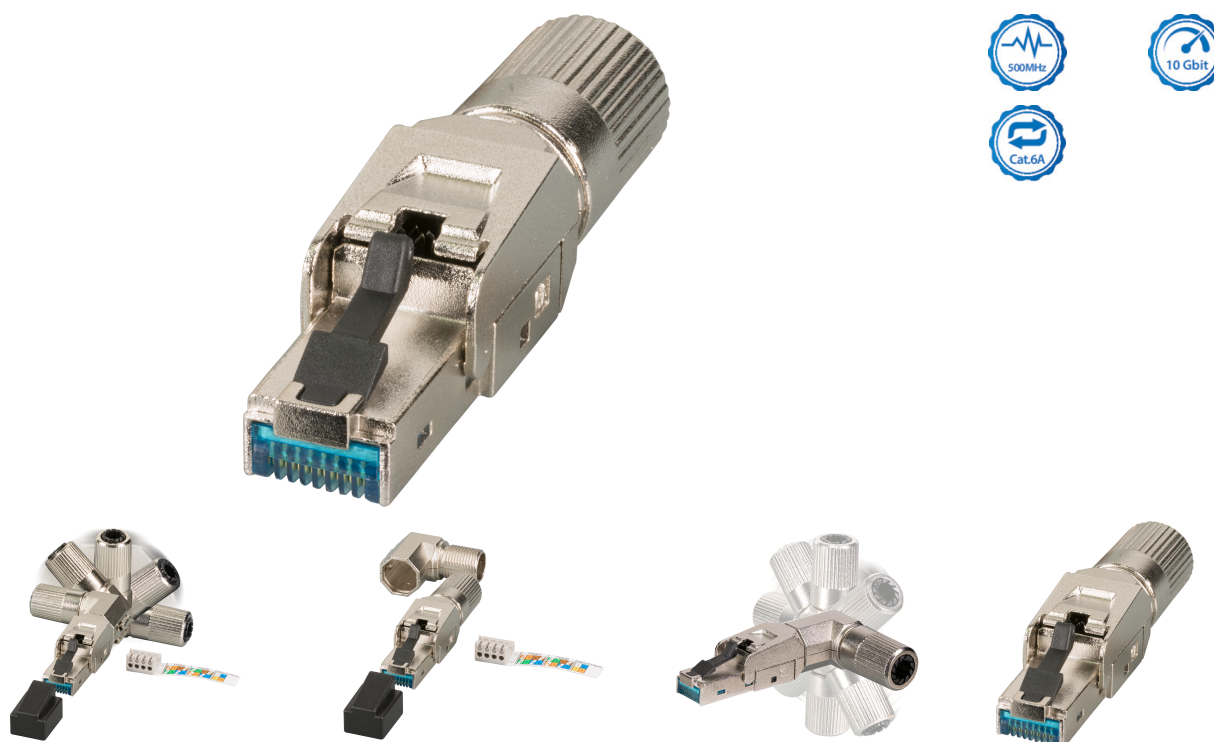


DATASHEET

RJ45 Premium plug STP, Cat.6A/ClassEA, Field-plug, full metal



General data

The Cat. 6A Premium RJ45 is a highlight in the chain of further development of RJ45 connectors for field assembly. An extraordinarily robust full metal housing made of zinc die-casting paired with the unique variable cable feed opens up a wide range of application possibilities. Installation can be done in **9 different positions**: 8 different angled positions and a 180° straight cable entry. The conical metal cable gland allows cable diameters from 6.0mm to 9.0mm. The connector meets the requirements of transmission class Cat. 6A/Class EA and supports the Ethernet protocol up to **10 Gigabit** per second.

Technical properties

360° shield contact	True
4PPOE certified	True
AWG-range	22 - 26
AWG-range for litz wire conductor	22 - 27
Cable diameter	9.0 mm
Casing material	Zinc die cast
Category	6A (IEC)
Complaint to UL94	V-0
Connection type	Insulation displacement connector

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Contact Resistance	< 20 mΩ
Contact coating	50 μ"
Current capacity	2 A
Dielectric Withstanding Voltage	1000 V DC
Dust cover	True
For UAE suitable	False
Insulation Resistance	≥ 500 MΩ
Mating cycles	≥ 750 Mating cycles
Model	plug
Operating Temperature	-10 - 60 °C
Shield contact and strain relief separate	False
Special tool necessary	False
Suitable for degree of protection (IP)	IP20
Suitable for flat cable	False
Suitable for litz wire conductor	True
Suitable for round cable	True
Suitable for solid core	True
Type of connector	RJ45 8(8)
Type of locking	Latching mechanism
screened	True

Available variants

ArtNr.	Bezeichnung	Colour
88035P8.1	RJ45 Premium plug STP, Cat.6A/ClassEA, Field-plug, full metal	silver

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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