DATASHEET

ECOLAN® RJ45 Connector UTP, Cat.6, Field-Plug





General data

The ECOLAN® RJ45 plug provides a combination of excellent transmission quality and fast and easy tool-free assembly. IDC terminals and very low contact resistances assure high quality contacting for installation cables up to 9mm diameter and wire gauge from AWG22 - AWG27.

Unshielded polycarbonate body with separate dust cap and anti-kink sleeve
Cat.6/Class E performance according to ISO/IEC11801 and IEC60603-7-4
Compact cable manager for AWG 22/1 .. AWG 26/1 or AWG22/7 .. AWG27/7
Pair management according to TIA 568A /B colour codes and industrial Profinet 1-2-3-6
Re-termination capability up to 5 times with the same width, for AWG27/7 up to 2 times
Suitable for cable dia from 6.0 mm .. 9.0 mm
Strain relief with cable tie

Technical properties

360° shield contact	False
4PPOE certified	True
AWG-range	22 – 27
Cable diameter	9.0 mm
Casing material	PC
Category	6
Complaint to UL94	V-0

This datasheet was created automatically on 23-11-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

ECOLAN® RJ45 Connector UTP, Cat.6, Field-Plug

Connection type	Insulation displacement connector
Contact Resistance	≤ 20 mΩ
Contact coating	50 µ"
Current capacity	1.5 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	False

Available variants

ArtNr.	Bezeichnung	Colour
88035UTP.1	ECOLAN® RJ45 Connector UTP, Cat.6, Field-Plug	transparent

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.

This datasheet was created automatically on 23-11-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION