

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

Allgemeine Daten

Type of connector	RJ45 8(8)
Suitable for litz wire conductor	True
Suitable for degree of protection (IP)	IP20
Suitable for solid core	True
AWG-range	22 - 27
Connection type	LSA
Suitable for flat cable	False

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Current capacity	1.5 A
Max. cable diameter	9.0 mm
Special tool necessary	False
Suitable for round cable	True
Category	6
Model	plug
Complaint to UL94	V-0

Mechanische Eigenschaften

Mating cycles	≥ 750 Mating cycles
Housing material	Plastic
Dust cover	true
360° shield contact	False
Shield contact and strain relief separate	False
Separate earthing flag	False
Contact coating	50 µ"
Type of locking	snap lock

Umgebungsbedingungen

Temperature range	-40 – 66 °C
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Elektrische Eigenschaften

Insulation resistance	≥ 500 MΩ
Contact resistance	≤ 20 mΩ
Screened	False
Dielectric Withstanding Voltage	1000 V DC
4PPOE certified	True

Available variants

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

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