

RJ45 Field-Installable Connector Category 6A UTP Straight

CORNING

Part Number:
CAXKSS-00100-C001

The field-installable RJ45 connector is suitable for industrial environments offering outstanding performance for the transmission of digital data signals up to 10GbE. It is used in multiple applications, most commonly telecommunications, Ethernet networking, IP surveillance, factory automation and control.

Features and Benefits

Compliance with the new Class EA and IEEE 802.3an

Supports for PoE, PoE+ and 4PPoE applications

Providing easy and fast installation without tools

Re-termination possible for multiple usage

The connector can be used with flex wire cables AWG 23-27 and solid wire cables AWG 23-26



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Specifications

General Specifications

Category	6A
Halogen-free	Yes
Bandwidth	500 MHz

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Flame retardance	Class UL94 V-0
Transmission performance link	Class EA (ISO/IEC 11801 Ed. 2.2 2011)
Corning Recommendations	Recommended cable diameter is 5.5 mm - 8.5 mm
Component Standard	ANSI/TIA/EIA-568-B.2-10IEC 60603-7-5:2010

Environmental Conditions

Halogen-free	Yes
Temperature range, installation	-40 °C to 70 °C
Temperature range, operation	-25 °C to 50 °C
Temperature range, storage	-40 °C to 70 °C

Design

Plug Type	RJ45 - 8/8
Housing material	Plastic
Housing colour	Black

Electrical Specifications

Input to output DC Resistance Unbalance	50 MΩ
Input to output DC Resistance	200 mΩ

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Electrical Specifications

Electric strength DC (conductor/conductor)	≥ 1000 V DC
Contact Resistance Rd	20 mΩ
Insulation resistance	> 500 MΩ @ 100 VDC
Voltage Rating (Maximum)	Less than 50VAC / 75 VDC
Electrical strength DC (conductor/test plate)	≥ 1500 V DC/AC peak

Dimensions

Height	17 mm
Width	11.7 mm
Depth	47 mm
Weight	13 g

Ordering Information

Product Number	CAXKSS-00100-C001
EAN Code	4064394884055
Shipping weight	13 g
Units per delivery	50/1



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