

RJ45 plug IP20 Cat.5 PROFINET

shielded, angled



Description

The RJ45 plug fulfils the product requirements of IEC 60603-7-51 and also the requirements of ISO/IEC 11801 for category 5 to 100 MHz. It enables acceptance measurements for class D permanent links.

This makes it suitable for the transmission of 1 Gigabit Ethernet in accordance with IEEE 802.3ab.

Suitable for PoE applications in accordance with IEEE 802.3at.

Sturdy die-cast zinc housing for industrial applications

Gold-plated contact surface

Cable connection using piercing contacts and tool-free wire contacting

A flat side cutter is only required to cut the wires to length

Cable entry with 360° braided shield contact. Strain relief via cable gland.

The RJ45 plug can be reconnected

General properties

Operating temperature	-40 °C - +85 °C
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Mechanical properties

Connection type	Piercing
Solid copper wire	0.51 mm (AWG 24) - 0.64 mm (AWG 22)
Stranded copper wire	0.14 mm ² (AWG 27/7) - 0.35 mm ² (AWG 22/7)
Re-connection	≤ 4 cycles (with the same cross-section)
Protection class	IP20
Contact surface	Gold over nickel
Plugging cycles	750
Type of connector	RJ45

Standards

Connector standards	IEC 60603-7-51
PoE	IEEE 802.3at
UL certification	E471884

Versions

Material number	Product	Weight [kg]	Packing unit	GTIN / EAN
65545200ZY	RJ45 plug IP20 Cat.5 PROFINET shielded, angled	0.03 kg	1 pc.	40393910233209

Subject to technical modification

As of 2024-06-12 13:38:30