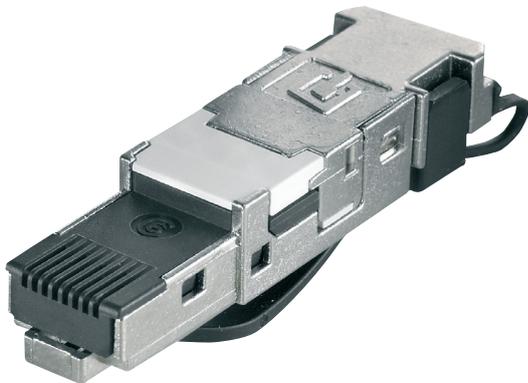


## RJ45 plug IP20 Cat.6A

shielded, IDC



### Description

The RJ45 plug fulfils the product requirements of IEC 60603-7-51 and also the requirements of ISO/IEC 11801 for category 6A up to 500 MHz

In conjunction with category 6A, 7 and 7A data cables, it enables acceptance measurements for class EA permanent links

This makes it suitable for the transmission of 10 Gigabit Ethernet in accordance with IEEE 802.3an.

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 IDC 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 plug terminal.

The RJ45 plug can be reconnected

### General properties

Operating temperature	-40 °C - +70 °C
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### Mechanical properties

Connection type	IDC
Solid copper wire	0.41 mm (AWG 24) - 0.64 mm (AWG 22)
Stranded copper wire	0.14 mm <sup>2</sup> (AWG 26/7) - 0.35 mm <sup>2</sup> (AWG 22/7)
Re-connection	≥ 10 cycles (for the same or larger cross-section)
Protection class	IP20
Contact surface	Gold over nickel
Housing main material	Zinc diecast
Plugging cycles	750
Type of connector	RJ45

## Standards

Connector standards	IEC 60603-7-51
PoE	IEEE 802.3at
UL certification	E316369

## Versions

Material number	Product	Weight [kg]	Packing unit	GTIN / EAN
65544800ZY	RJ45 plug IP20 Cat.6A shielded, IDC	0.02 kg	1 pc.	40393910233247

Subject to technical modification

As of 2024-06-12 06:49:33