RJ45 plug IP20 Cat. 6A

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 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 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

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
65544900ZY	RJ45 plug IP20 Cat. 6A shielded, angled EIA/TIA A	0.03 kg	1 pc.	40393910233230
65545000ZY	RJ45 plug IP20 Cat. 6A shielded, angled EIA/TIA B	0.03 kg	1 pc.	40393910233223