

LEONI *technicalreport*

Data communication technology 09/2019



» With Industrie 4.0, digitalization has entered the process landscape and taken its place in the control systems used for modern production facilities.

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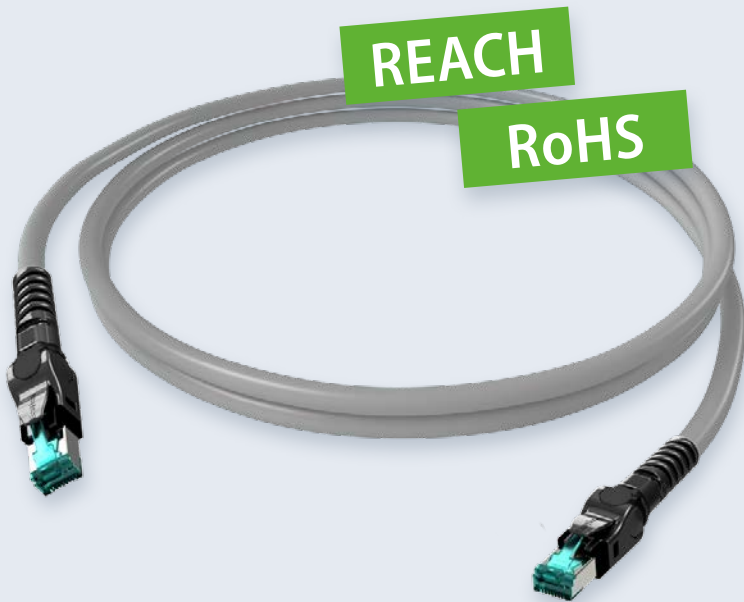
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The product innovation for Industrial Ethernet MegaLine® flexible boot patch cable

Requirements for the digital networking of production facilities are now increasingly demanding: a high-performance infrastructure is the foundation for new, high-speed data networks in control systems.

LEONI offers high-performance industrial connection technologies for data transfers at 500 MHz and up to 10 Gbps. These are based on S/FTP (shielded and foiled twisted pair) cables with a high-coverage flexible braid as overall screen. These cables guarantee outstanding NEXT and return loss values.

MegaLine® PUR flexible boot RJ45 patch cable, class E_A ISO/IEC



MegaLine® flexible boot industrial patch cable, Class E_A 500 MHz

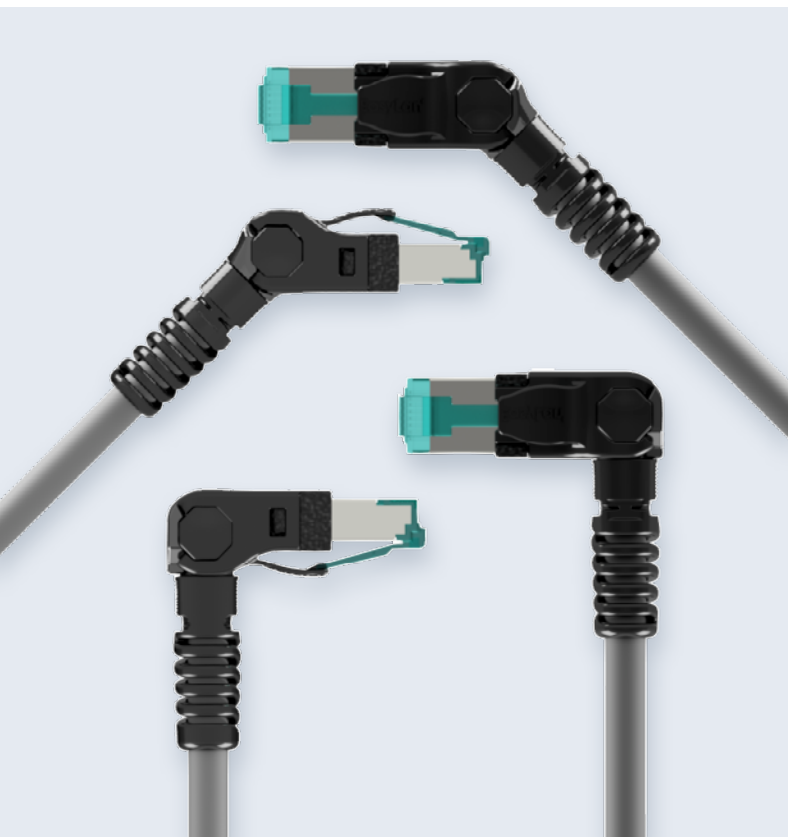
LEONI has equipped these heavy-duty, high-performance polyurethane connection cables with a new feature

» flexible, all-round adjustable cable management for the RJ45 connector.

Jacketed in polyurethane, this industrial RJ45 patch cable offers excellent resistance against mechanical and chemical damage. A joint on the flexboot connector makes the cable adjustable to a 45°/90° angle on any side, ensuring cables can be routed easily at the device – even if space is at a premium.

A secure and flexible connection system that is rugged and durable, and easily adjusted to conditions in the field without the use of tools.

LEONI uses materials of the highest quality for the components, with quality in its ultramodern plants being monitored according to ISO 9001. All products manufactured are REACH- and RoHS-compliant.



MegaLine® flexible boot RJ45 connector – 45°/90° adjustable on any side