



Flame retardant



Oil resistant



Highly flexible

In the factory automation the AS-Interface system is used in various sectors and is developed as an alternative to conventional parallel wiring of the sensors and actuators.



The system offers the following advantages:

- Flexibility
- Economy
- Simplicity
- Reduction of installation errors
- High distribution
- Best networking opportunities

The yellow profile cable is the AS-Interface trademark. Due to its profiled design it is resistant to polarity reversal and can be connected to the slave interfaces at any place easily and safely.

The AS-Interface cable is an unshielded flat cable with 2-cores. It transfers data and power for actuators and sensors. For particular applications additional black cables are used.

AS-Interface types:

- yellow  transfer of data and auxiliary energy
- black  supply with auxiliary energy DC 24 V



In our **product finder** you can find the right solution for your application.



LEONI Special Cables with its Business Unit Automation & Drives is a member of the AS-International Association e.V.

Factory Automation

www.leoni-factory-automation.com

[@LeoniFactoryAutomation](https://twitter.com/LeoniFactoryAutomation)

Business Unit Automation & Drives
LEONI Special Cables GmbH

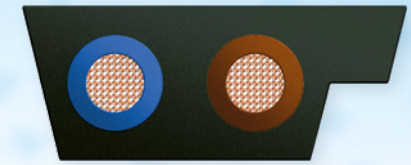
Eschstrasse 1
26169 Friesoythe, Germany
+49 4491 291-5010
factory-automation@leoni.com

FieldLink® AS-Interface cables



The Quality Connection

LEONI



New ASI-rubber cable the economy version for AS-Interface applications

The ASI-rubber cable has a fully EPDM rubber design to offer the benefits of AS-Interface in combination with a cost efficient design. The functionality includes the simple installation and the compatibility to ASI special piercing technics like our conventional ASI-products.

Our ASI-rubber cables are even suitable for the new ASI-5 standard.

Characteristics:

- Fully EPDM rubber design
- Halogen free
- Cold bending resistant
- Sunlight resistant
- Available as 1,5 mm² and 2,5 mm² version

Order numbers:

- L45587-M21-Y1 (yellow 1.5 mm²)
- L45587-M21-Y11 (black 1.5 mm²)
- L45587-M21-Y101 (yellow 2.5 mm²)
- L45587-M21-Y111 (black 2.5 mm²)

ASI-5 for the communication of the future

For the digital communication LEONI offers AS-Interface cables which guarantees easy, fast and efficient installation in automation systems.

The new ASI-5 performance:

- 96 connected devices
- 1.2 ms cycle time
- 16 bit process data
- 96x16 safe inputs/outputs
- Increased diagnostics
- Integrated IO-Link

ASI-5 cables are available in the following versions:

- 2 x 1,5 mm²
- 2 x 2,5 mm²
- Available in different jackets material
e.g. FRNC, EPDM, TPU, TPE, PVC

**From now on, every LEONI AS-Interface cable
is suitable for the new ASI-5 standard.**

Fire resistant ASI-cable according to the BauPVO EU 305/2011

Characteristics:

- Fire class Eca
- ID code of the declaration of performance (DoP)
CDEFR0000025
- Flame propagation and heat generation,
with simultaneous low release of corrosive gases
and smoke is reduced
- With TPE outer jacket
- UL Style 2103
- CSA File LL55255-42
- UV-resistant

Using the QR-Code, you can download the declaration of performance by entering the DOP number of the cable.

The DOP number can be found
- on the CE label of your product
- in the order documents
- in the data sheets



The declaration of performance
is available in 24 languages.

Order numbers:

- L45587-M21-Y139 (yellow 1.5 mm²)
- L45587-M21-Y149 (black 1.5 mm²)