



INLINE® INDUSTRIAL NETWORK CABLE

M12 4-pin D-coded male/male, PUR

- High-quality industrial network cable with **D-coded CAT5E performance** for data rates of up to **100 Mbit/s**
- **Drag chain suitable** up to **10 million bends** and **torsion resistant** up to **3 million cycles** for industrial use
- **IP67 waterproof M12 connector** : ideal for harsh and damp environments
- **PUR jacket**: Flame-retardant (UL 94), oil-resistant, UV-resistant, abrasion-resistant and halogen-free
- **Optimized for automation and fieldbus technology**, ideal for mechanical engineering, production lines and industrial networks

The InLine® industrial network cable M12 4-pin D-coded plug/connector has been specially developed for industrial applications where a reliable and robust connection is essential. The **PUR jacket** ensures high resistance to chemicals, mechanical stress and extreme temperatures. Thanks to its drag chain suitability (up to **10 million bends**) and torsion resistance (up to **3 million bends**), this cable is ideal for demanding automation and fieldbus technology environments.

The high protection class of the **M12 connector (IP67)** ensures reliable data transmission even in damp or dusty environments. With **CAT5E performance**, the cable enables transmission rates of up to **100 Mbit/s**, which ensures stable and fast communication.

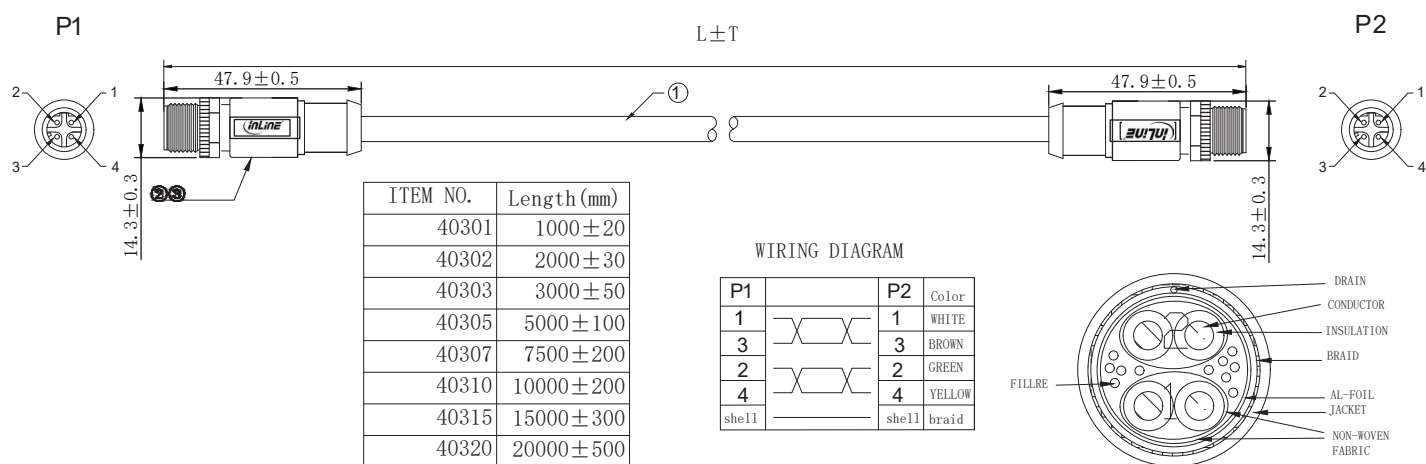
Whether for use in production facilities, automation technology or demanding industrial networks, the InLine® industrial network cable impresses with its quality, durability and reliable data transmission.

Technical specifications:

- Conductor cross-section: AWG 22
- Shielding: SF/UTP
- Connector type: M12 4-pin D-coded (IP67) to M12 4-pin D-coded (IP67)
- Sheath material: PUR, halogen-free, flame-retardant (UL 94), UV and oil-resistant
- Dynamic bending radius: >98 mm
- Static bending radius: >52 mm
- Operating temperature: -25 to +70 °C
- Storage temperature: -40 to +80 °C
- Outlet diameter: 6.5 mm
- Color: green

Item No.	Length	EAN
40301	1 m	4043718318445
40302	2 m	4043718318452
40303	3 m	4043718318469
40305	5 m	4043718318476
40307	7.50 m	4043718318483
40310	10 m	4043718318490
40315	15 m	4043718318506
40320	20 m	4043718318513

Technical Data	
Article height:	1.5 cm
Article width:	1.5 cm
Bending radius (dynamic):	>98 mm
Bending radius (static):	>52 mm
Coding:	D-coded
Colour:	Green
Conductor material:	Copper
Data transmission rate:	100 Mb/s
Diameter:	AWG 22
Operation temperature:	-25 to +70 °C
Outer diameter:	6.5 mm
Sheath:	PUR
Shielding:	SF/UTP
Side A:	M12 male plug 4-pin straight
Side B:	M12 male plug 4-pin straight
Signal:	Network / Data
Special feature:	Suitable for drag chains
Storage temperature:	-40 to +80 °C
Torsion:	+/- 180 °/m
Type:	Cat.5e
Type of packaging:	InLine® bag 20103A
UL:	Yes



MATERIAL LIST:

③	OVER MOLD	TPE Black (Pantone black 3C)	2	
②	PLUG	M12 D-CODE 4PIN MALE, Black Insulation	2	
①	CABLE	(1P×24AWG (40×0.08mm BC)+Non-woven fabric)*2C+filler+Non-woven fabric+AL-Foil+Drain+Braid (TC, 80% Coverage)+PUR frosted JACKET: Green (RAL 6018) OD: 6.7±0.2MM	1	
NO.	PARTS NAME	SPECIFICATION STANDARD	QT'Y	REMARK

NOTE:

1. ELECTRICAL TEST: 100% OPEN SHORT, MISS WIRE TEST
2. Insulation resistance: Dc 300v 0.1S 5MΩ
3. Conductor resistance: 5Ω Max;
4. Fluke Channel Test: ISO 11801 channel Class D
5. RoHS 2011/65/EU and amendment directives (EU) 2015/863 compliant; REACH 1907/2006/EC compliant.
6. Spray WORD: High Flexible cable PUR CAT. 5E SFTP 24AWG 2PRS ANSI/TIA 568.2-D
7. Drag chains: Min. 5 Million times
8. Fixed temperature: -40~+85°C
Storage temperature: -20~+80°C
Mobile temperature: -20~+80°C

If you have any further questions, please contact marketing@inline-info.com

www.inline-info.com/en/

Disclaimer

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