

IE-5-M12D-S-3-H-2-26-7-M12D-S**Article No.:** 2171075

Pre-assembled Ethernet cable; Fixed Installation, Flexible; ETHERNET/IP, EtherCAT, Ethernet; Cat.5e; SF/UTP; Halogen-free compound; 2x2; M 12 (D-coded), Plug, Straight (180 °); M 12 (D-coded), Plug, Straight (180 °); 3 m



Details

Benefits

- Fast information exchange through Ethernet technology.
- Cat. 5e performance up to 100 Mbit/s.
- For transmission of analog and digital signals in the frequency range up to 100 MHz.
- Available as a one-sided power cable assembly for flexible selection of the cable length and free choice of further connection.
- Also available as a cable assembled on both sides to save time during installation.
- Available with RJ45 or M12 connector. The narrow RJ45 connector allows use in devices with very high port density, whereas the M12 connector's integrated vibration protection is useful in applications with shock and vibration.
- Halogen free conductor insulation and jacket compound to meet special fire safety requirements.
- Ideal protection against electromagnetic interference thanks to double shielding made of aluminum-laminated foil and copper shielding braiding with high degree of coverage (SF/UTP).

Application

- For structured building cabling according to EN 50173 and ISO/IEC 11801.

- Especially for environments where electromagnetic compatibility (EMC) is required.
- Also suitable for EtherCAT and EtherNET/IP applications.
- For fixed installation and occasional flexing.
- Can be used in dry and damp rooms.

Notes

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

If applicable, the prices are solid metal prices without additional charges and VAT. Sales only to business customers.

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive additional values, such as tolerances, upon request if they are available and have been released for publication.

Remarks

Technical Data

General information

Brand	ETHERLINE®
Product type	Pre-assembled Ethernet cable
Length	3 m
Copper index	0.13 lb/pce
Delivery Unit	1
Connector 1	M 12; Plug; Straight; D-coded; Number of contacts: 4
Connector 2	M 12; Plug; Straight; D-coded; Number of contacts: 4
valid Fieldbus or Ethernet System	Ethernet EtherCAT ETHERNET/IP

Electrical parameters

Product design

Cable dimension	4X
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Number of cores	4
Shielded	Yes
Base material of outer sheath, shortname	PUR
Outer jacket color	blue

Product features

Application area	Flexible
Min. number of insertion cycles	100 / 100
IP protection rating	IP 69 IP 67
Suitable for EX-applications	No
Installation temperature min.	-5 °C
Max. assembly temperature	60 °C
Ethernet cable category	Cat.5e

Certifications and standards

CE marking	Yes
EAC certified	Not required
EAC certification number	Отказное письмо № 40
UL recognized	No
UL listed	No
cUR recognized	No
cUL listed	No
CSA certified	No
VDE certified	No
Product standard according to IEC	M12 according to IEC 61076-2-101
DNV-certified	No
Ecolab certified	No

ETHERLINE® Flex H Cat.5e patchcords

Article No.	Name	Connector 1	Connector 2	Length
2171073	IE-5-M12D-S-1-H-2-26-7-M12D-S	M 12; Plug; Straight; D-coded; Number of contacts: 4	M 12; Plug; Straight; D-coded; Number of contacts: 4	1 m
2171074	IE-5-M12D-S-2-H-2-26-7-M12D-S	M 12; Plug; Straight; D-coded; Number of contacts: 4	M 12; Plug; Straight; D-coded; Number of contacts: 4	2 m
2171075	IE-5-M12D-S-3-H-2-26-7-M12D-S	M 12; Plug; Straight; D-coded; Number of contacts: 4	M 12; Plug; Straight; D-coded; Number of contacts: 4	3 m
2171076	IE-5-M12D-S-5-H-2-26-7-M12D-S	M 12; Plug; Straight; D-coded; Number of contacts: 4	M 12; Plug; Straight; D-coded; Number of contacts: 4	5 m
2171077	IE-5-M12D-S-10-H-2-26-7-M12D-S	M 12; Plug; Straight; D-coded; Number of contacts: 4	M 12; Plug; Straight; D-coded; Number of contacts: 4	10 m
2171078	IE-5-M12D-S-20-H-2-26-7-M12D-S	M 12; Plug; Straight; D-coded; Number of contacts: 4	M 12; Plug; Straight; D-coded; Number of contacts: 4	20 m
2171079	IE-5-M12D-S-1-H-2-26-7-OE	M 12; Plug; Straight; D-coded; Number of contacts: 4	Open end	1 m
2171080	IE-5-M12D-S-2-H-2-26-7-OE	M 12; Plug; Straight; D-coded; Number of contacts: 4	Open end	2 m
2171081	IE-5-M12D-S-3-H-2-26-7-OE	M 12; Plug; Straight; D-coded; Number of contacts: 4	Open end	3 m
2171082	IE-5-M12D-S-5-H-2-26-7-OE	M 12; Plug; Straight; D-coded; Number of contacts: 4	Open end	5 m
2171083	IE-5-M12D-S-10-H-2-26-7-OE	M 12; Plug; Straight; D-coded; Number of contacts: 4	Open end	10 m
2171084	IE-5-M12D-S-20-H-2-26-7-OE	M 12; Plug; Straight; D-coded; Number of contacts: 4	Open end	20 m
2171085	IE-5-M12D-S-1-H-2-26-7-RJ45	M 12; Plug; Straight; D-coded; Number of contacts: 4	RJ45; Plug; Straight; Number of contacts: 8	1 m
2171086	IE-5-M12D-S-2-H-2-26-7-RJ45	M 12; Plug; Straight; D-coded; Number of contacts: 4	RJ45; Plug; Straight; Number of contacts: 8	2 m
2171087	IE-5-M12D-S-3-H-2-26-7-RJ45	M 12; Plug; Straight; D-coded; Number of contacts: 4	RJ45; Plug; Straight; Number of contacts: 8	3 m
2171088	IE-5-M12D-S-5-H-2-26-7-RJ45	M 12; Plug; Straight; D-coded; Number of contacts: 4	RJ45; Plug; Straight; Number of contacts: 8	5 m
2171089	IE-5-M12D-S-10-H-2-26-7-RJ45	M 12; Plug; Straight; D-coded; Number of contacts: 4	RJ45; Plug; Straight; Number of contacts: 8	10 m
2171090	IE-5-M12D-S-20-H-2-26-7-RJ45	M 12; Plug; Straight; D-coded; Number of contacts: 4	RJ45; Plug; Straight; Number of contacts: 8	20 m
2171091	IE-5-RJ45-1-H-2-26-7-RJ45	RJ45; Plug; Straight; Number of contacts: 8	RJ45; Plug; Straight; Number of contacts: 8	1 m
2171092	IE-5-RJ45-2-H-2-26-7-RJ45	RJ45; Plug; Straight; Number of contacts: 8	RJ45; Plug; Straight; Number of contacts: 8	2 m
2171093	IE-5-RJ45-3-H-2-26-7-RJ45	RJ45; Plug; Straight; Number of contacts: 8	RJ45; Plug; Straight; Number of contacts: 8	3 m
2171094	IE-5-RJ45-5-H-2-26-7-RJ45	RJ45; Plug; Straight; Number of contacts: 8	RJ45; Plug; Straight; Number of contacts: 8	5 m
2171095	IE-5-RJ45-10-H-2-26-7-RJ45	RJ45; Plug; Straight; Number of contacts: 8	RJ45; Plug; Straight; Number of contacts: 8	10 m
2171096	IE-5-RJ45-20-H-2-26-7-RJ45	RJ45; Plug; Straight; Number of contacts: 8	RJ45; Plug; Straight; Number of contacts: 8	20 m
2171132	IE-5-RJ45-0,5-H-2-26-7-RJ45	RJ45; Plug; Straight; Number of contacts: 8	RJ45; Plug; Straight; Number of contacts: 8	0.5 m
2171138	IE-5-M12D-S-9-H-2-26-7-M12D-S	M 12; Plug; Straight; D-coded; Number of contacts: 4	M 12; Plug; Straight; D-coded; Number of contacts: 4	9 m
2171877	IE-5-M12D-A-0,5-H-2-26-7-RJ45	M 12; Plug; Angled; D-coded; Number of contacts: 4	RJ45; Plug; Straight; Number of contacts: 8	0.5 m
2171878	IE-5-M12D-A-1-H-2-26-7-RJ45	M 12; Plug; Angled; D-coded; Number of contacts: 4	RJ45; Plug; Straight; Number of contacts: 8	1 m
2171879	IE-5-M12D-A-2-H-2-26-7-RJ45	M 12; Plug; Angled; D-coded; Number of contacts: 4	RJ45; Plug; Straight; Number of contacts: 8	2 m
2171880	IE-5-M12D-A-3-H-2-26-7-RJ45	M 12; Plug; Angled; D-coded; Number of contacts: 4	RJ45; Plug; Straight; Number of contacts: 8	3 m

Article No.	Name	Connector 1	Connector 2	Length
2171881	IE-5-M12D-A-5-H-2-26-7-RJ45	M 12; Plug; Angled; D-coded; Number of contacts: 4	RJ45; Plug; Straight; Number of contacts: 8	5 m
2171883	IE-5-M12D-A-10-H-2-26-7-RJ45	M 12; Plug; Angled; D-coded; Number of contacts: 4	RJ45; Plug; Straight; Number of contacts: 8	10 m
2171884	IE-5-M12D-A-15-H-2-26-7-RJ45	M 12; Plug; Angled; D-coded; Number of contacts: 4	RJ45; Plug; Straight; Number of contacts: 8	15 m
2171885	IE-5-M12D-A-20-H-2-26-7-RJ45	M 12; Plug; Angled; D-coded; Number of contacts: 4	RJ45; Plug; Straight; Number of contacts: 8	20 m
2171976	IE-5-M12D-S-0,5-H-2-26-7-M12D-S	M 12; Plug; Straight; D-coded; Number of contacts: 4	M 12; Plug; Straight; D-coded; Number of contacts: 4	0.5 m
2171977	IE-5-M12D-S-0,5-H-2-26-7-RJ45	M 12; Plug; Straight; D-coded; Number of contacts: 4	RJ45; Plug; Straight; Number of contacts: 8	0.5 m
2171987	IE-5-M12D-A-7,5-H-2-26-7-RJ45	M 12; Plug; Angled; D-coded; Number of contacts: 4	RJ45; Plug; Straight; Number of contacts: 8	7.5 m
2171993	IE-5-M12D-S-7,5-H-2-26-7-OE	M 12; Plug; Straight; D-coded; Number of contacts: 4	Open end	7.5 m

V1.1