

ETHERLINE® ACCESS KITS

Industrial Data Communication Kits

The IDC Kits from LAPP contain the most important components for setting up your industrial ethernet network at a particularly attractive kit price.

The cables, connectors and switches included enable network installation to be carried out within and between machines.

CAT.5E FLEXIBLE INSTALLATION, RJ45 CONNECTOR AND 8 PORT SWITCHES

This kit contains a Cat. 5e Ethernet cable for flexible installation as well as a field-attachable EPIC® DATA RJ45 connector and an industrial Ethernet switch, unmanaged with 8 ports. Suitable for setting up networks with up to 100 Mbit/s.

ETHERLINE® ACCESS KIT IE5-RJ-1 / 21700131

Item no.	Quantity	Item no.	Quantity	Item no.	Quantity
2170486	500 m	21700600	20 items	21700119	1 item

PROFINET CAT.5 FIXED INSTALLATION AND 5 PORT SWITCHES

This kit contains a Cat. 5e Ethernet cable for fixed installation and an industrial Ethernet switch, unmanaged with 5 ports. Suitable for setting up networks with up to 100 Mbit/s.

ETHERLINE® ACCESS KIT PN5-1 / 21700130

Item no.	Quantity	Item no.	Quantity
2170893	500 m	21700118	1 item

ETHERLINE® ACCESS & ETHERLINE® ACCESS KITS

Industrial Data Communication



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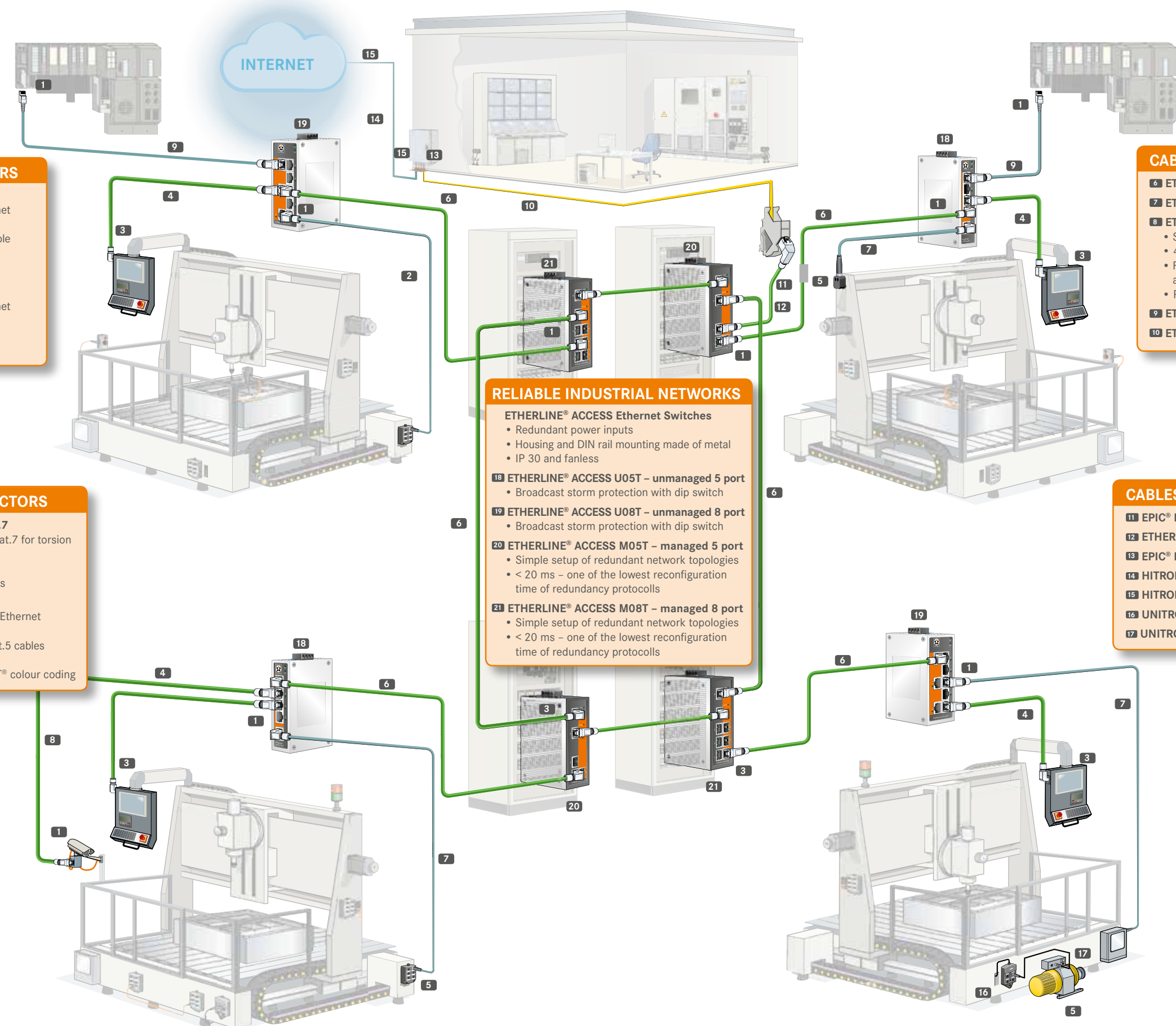


www.lappgroup.com

To contact your local LAPP representative, please visit www.lappgroup.com/worldwide



Industrial Data Communication for SMART FACTORIES



CABLES AND CONNECTORS

- 1 EPIC® Data RJ45, angled**
 - Field-mountable Industrial Ethernet RJ45 connector
 - Angled, 4 outlet directions possible
 - Cat.6_a, suitable for 10 Gbit/s
- 2 ETHERLINE® EC FD Cat.5e M 12**
- 3 EPIC® Data AX RJ45 Cat.6_a**
 - Field-mountable Industrial Ethernet RJ45 connector
 - Straight cable outlet
 - Cat.6_a, suitable for 10 Gbit/s

CABLES AND CONNECTORS

- 4 ETHERLINE® TORSION Cat.7**
 - Industrial Ethernet cable Cat.7 for torsion applications
 - 4 pairs/AWG24
 - For PROFINET® applications
- 5 EPIC® Data M 12D**
 - Field-mountable Industrial Ethernet connectors, IP67
 - M 12 D-coded, for 2 pair Cat.5 cables up to 100 Mbit/s
 - With Ethernet or PROFINET® colour coding

RELIABLE INDUSTRIAL NETWORKS

ETHERLINE® ACCESS Ethernet Switches

- Redundant power inputs
- Housing and DIN rail mounting made of metal
- IP 30 and fanless

- 18 ETHERLINE® ACCESS U05T – unmanaged 5 port**
 - Broadcast storm protection with dip switch
- 19 ETHERLINE® ACCESS U08T – unmanaged 8 port**
 - Broadcast storm protection with dip switch
- 20 ETHERLINE® ACCESS M05T – managed 5 port**
 - Simple setup of redundant network topologies
 - < 20 ms – one of the lowest reconfiguration time of redundancy protocols
- 21 ETHERLINE® ACCESS M08T – managed 8 port**
 - Simple setup of redundant network topologies
 - < 20 ms – one of the lowest reconfiguration time of redundancy protocols

CABLES AND CONNECTORS

- 6 ETHERLINE® PN Cat.6_a Y Flex, PROFINET®**
- 7 ETHERLINE® PN Cat.5 Y Flex FC, PROFINET®**
- 8 ETHERLINE® Cat.7 Flex**
 - Space saving and flexible Industrial Ethernet cable
 - 4 pairs/AWG 26
 - For data transmission up to 10 Gbit/s at 600 MHz acc. to Cat.7
 - Robust PUR outer sheath
- 9 ETHERLINE® P Flex Cat.5e RJ45**
- 10 ETHERLINE® LAN 1200S/FTP Cat.7_a**

CABLES AND CONNECTORS

- 11 EPIC® DATA HS RJ45 F 10G A**
- 12 ETHERLINE® P Flex Cat.5e RJ45**
- 13 EPIC® DATA 90 RJ45 Cat.6_a**
- 14 HITRONIC® HRH breakout cable**
- 15 HITRONIC® GOF connector ST**
- 16 UNITRONIC® Distribution box M 12**
- 17 UNITRONIC® M 12 cordset, A-coded**

ETHERLINE® ACCESS

Industrial network solutions for Smart Factories

Reliable functioning industrial network components from a single source.

Industrial network solutions from LAPP contain data cables, connectors, accessories and industry compatible switches.

Improve your total costs of ownership (TCO) through fast commissioning and thus reduced downtime.

Rely on LAPP's renowned quality, high availability and comprehensive services.

General Features

- Redundant power inputs – high availability
- Robust metal housing and DIN rail mounting
- IP 30
- Fanless – maintenance free



ETHERLINE® ACCESS M05T/M08T



Features for managed switches

- Simple setup of redundant network topologies
- Reconfiguration time < 20 ms
- one of the lowest reconfiguration time of redundancy protocols
- RJ45 Ports: 10/ 100 BaseT(X)
- Packet Buffer Size: 1 Mbit
- Supported protocols: HTTP, Telnet, ETHERNET/IP, Modbus/TCP, IPv6, and many more
- Temperature range: -10°C to 60 °C
- Power Input: 24 VDC redundant dual inputs
- Shock: IEC 60068-2-27; Freefall: IEC 60068-2-32; Vibration: IEC 60068-2-6

Article number	Designation	Type	RJ45 ports	MTBF
21700121	ETHERLINE® ACCESS M05T	Managed	5	> 97 Years
21700122	ETHERLINE® ACCESS M08T	Managed	8	> 125 Years



ETHERLINE® ACCESS U05T/U08T



Features for unmanaged switches

- Broadcast storm protection
- RJ45 Ports: 10/ 100 BaseT(X)
- Packet Buffer Size: 512 kbit
- Temperature range: -10 °C to 60 °C
- Power Input: 12/24/48 VDC, redundant dual inputs
- Shock: IEC 60068-2-27; Freefall: IEC 60068-2-32; Vibration: IEC 60068-2-6

Article number	Designation	Type	RJ45 ports	MTBF
21700118	ETHERLINE® ACCESS U05T	Unmanaged	5	> 347 Years
21700119	ETHERLINE® ACCESS U08T	Unmanaged	8	> 277 Years

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