



ETHERLINE® Cat.7 FLEX
Flexible use

i Info

- Industrial Ethernet cable
- Cat.7 qualified for 10Gbit/s



Benefits

- Can be used in dry or damp rooms
- Screened against interference
- Can be used for Industrial Ethernet in harsh industrial environments
- 4pair: 100Mbit/s up to 10 Gbit/s for Industrial Ethernet

Application range

- Wiring of machines, tools, devices, appliances and control cabinets
- Max. cable length for 100 Mbit/s is 60 m max. cable length for 10 Gbit/s is 60 m
- Suitable for EtherCAT and EtherNet/IP applications

Product features

- PUR outer sheath is highly resistant to mineral oils and abrasion

- Robust, halogen-free outer sheath
- High-quality, double screening ensures high transmission reliability in areas with electromagnetic interference

Norm references / Approvals

- Electrical requirements acc. to IEC 61156-6
- AWM certification for USA and Canada
- PUR versions: UL AWM Style 21576
- Flame retardant acc. to IEC 60332-1-2

Product Make-up

- Stranded conductor, bare, 7-wire
- Core insulation made of polyethylene (PE)
- S/FTP: copper braid as overall screening and pair screening with aluminium compound foil
- Colour: green (based on RAL 6018)

Technical data

	Classification ETIM 5.0 Class-ID: EC000830 ETIM 5.0 Class-Description: Data cable
	Peak operating voltage (not for power applications) 125 V
	Minimum bending radius Fixed installation: 4 x outer diameter Flexing: 10 x outer diameter
	Characteristic impedance nom. 100 Ohm acc. to IEC 61156-6
	Temperature range Fixed installation: -40°C to +80°C Flexing: -50°C to +80°C

Article number	Number of pairs and AWG per conductor	Max. outer diameter (mm)
ETHERLINE® Cat.7 FLEX 2170934	4x2xAWG26	6.4

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

Accessories

- EPIC® DATA AX RJ45 Cat.6A refer to page [P208210]
- EPIC® DATA 90 RJ45 Cat.6A refer to page [P255074]
- EPIC® DATA AX RJ45 Cat.6A IP68 refer to page [P208916]
- EPIC® DATA M12X refer to page [P183270]
- EPIC® DATA CCR FA refer to page [P255075]