

Product Description

This cable is an important supplement to the range of ETHERLINE® Industrial Ethernet cables.;Cable suitable for torsion stress. Tested with more than 1 million bending cycles and a right / left movement of 180° on 1 meter.



Application range

- Many applications with Industrial Ethernet, e. g. PROFINET, i.e. fixed installation, flexible and highly flexible use as well as TORSION.

Benefits

- This cable is an important supplement to the range of ETHERLINE® Industrial Ethernet cables.
- Cable suitable for torsion stress. Tested with more than 1 million bending cycles and a right / left movement of 180° on 1 meter.

Design

- Stranded conductor, tinned
- AWG 22 (19-wire)
- PE core insulation
- Star quad
- PUR outer sheath halogen-free

Approvals (Norm references)

- UL AWM (Style 21161)

Product features

- Flame retardant according to IEC 60332-1-2
- Outer sheath high abrasion resistance



Technical Data

Peak working voltage

Max. 100 V (not for power applications)

Minimum bending radius

Installation: 5 x outer diameter

Test voltage

700 V

Range of temperature

-40°C up to +80°C

Characteristic impedance

At 1 - 100 MHz: 100 +/- 15 Ohm

Article List

Part number	Article designation	Paarzahl und AWG je Leiter	Outer diameter in mm max.	Copper index kg/km	Weight kg/km
2170888	ETHERLINE® TORSION CAT.5	2 x 2 x AWG22/19	6,5	31.3	52

Footnote:

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: Coil ≤ 30 kg and ≤ 250 m, otherwise drum

Please specify the desired packaging size (e.g. 1 x 500 m drum or 5 x 100 m coils)

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