


U.I. Lapp GmbH	PRODUCT INFORMATION	
	ETHERLINE® TORSION Cat. 5	12.09.2012

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



Info

Industrial Ethernet Cable, 2-pair, suitable for torsion stress

Application range

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

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 with high abrasion-resistance

Remark

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100kg. Refer to Appendix T17 for the definition and calculation of copper-related surcharges.

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

Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum

Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).

PROFINET® is a registered trademark of the PNO (PROFIBUS user organisation)

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

Technical Data

Peak operating voltage: max. 100 V (not for power applications)

Minimum bending radius: Installation: 5 x outer diameter

Test voltage: 700 V

Temperature range: -40°C to +80°C

Characteristic impedance: At 1 - 100 MHz: 100 ± 15 Ohm

Product Management	Document: LAPP_PRO26779EN.pdf	1 / 2
--------------------	-------------------------------	-------



ETHERLINE® TORSION Cat. 5

12.09.2012

Part number	Article designation	Number of pairs and AWG per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ETHERLINE® TORSION CAT.5					
2170888	ETHERLINE® TORSION CAT.5	2 x 2 x AWG22/19	6,5	31.3	52