



New

## ETHERLINE® TORSION CAT.6<sub>A</sub>

LAPP KABEL STUÏTGART ETHERLINE® Cat.6<sub>A</sub> Torsion 4x2xAWG24/7



Info

- Industrial Ethernet Cable, 4-pair, suitable for torsion stress
- CAT.6<sub>A</sub> qualified for 10Gbit/s
- For PROFINET applications

### Benefits

- Cable suitable for high torsion stress. Tested with more than 1 million bending cycles and a right/left movement of 180° per metre.
- Many applications with Industrial Ethernet, e.g. PROFINET, i.e. fixed installation, flexible use as well as TORSION.
- Premium screening against electromagnetic interference

### Application range

- Suitable for torsional applications which are typical for the loop in wind turbine generators (WTG)
- Can be used for Industrial Ethernet in harsh industrial environments
- Suitable for EtherCAT and EtherNet/IP applications
- For PROFINET applications type C

### Product features

- Oil-resistant acc. EN 60811-2-1
- PUR outer sheath, halogen-free

### Norm references / Approvals

- Electrical requirements acc. to IEC 61156-6
- UL/CSA type CMX in accordance with UL 444 and CSA C22.2 no. 214-02

### Product make-up

- 7-wire tinned stranded copper conductor
- Core insulation made of polyethylene (PE)
- S/FTP: copper braid as overall screening and pair screening with aluminium compound foil
- Outer sheath: PUR, halogen-free/PVC
- Colour: green (based on RAL 6018)

### Technical data



**Minimum bending radius**  
Flexing: 15 x outer diameter



**Temperature range**  
Fixed installation: -40°C to +80°C  
Flexing: -10°C to +70°C



**Characteristic impedance**  
100 Ohm

Article number	Article designation	Number of pairs and AWG per conductor	Outer diameter (mm)	Copper index (kg/km)
<b>PVC sheath</b>				
2170482	ETHERLINE® TORSION Y CAT6 <sub>A</sub>	4 x 2 x AWG24/7	9.0	44.0
<b>Outer sheath: PUR, halogen-free</b>				
2170483	ETHERLINE® TORSION P CAT6 <sub>A</sub>	4 x 2 x AWG24/7	9.0	44.0

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