

Swift as the wind!



Our ready-to-plug MV solutions will connect
your wind turbines to the grid in no time.



Installation made easy.



Our ready-to-plug MV solutions will connect your wind turbines to the grid in no time.

By harnessing all the MV cables you need for your onshore wind turbine, the installation will be a lot easier – and faster. You'll save both on time and money. We assure on-time delivery and, of course, the highest quality, including torsion secured cables down to -40°C and with a service life of at least 25 years. Top-notch, all the way.

WINDFLEX

Application

These halogen-free medium voltage cables are intended for use in wind turbines with medium mechanical stress in a temperature range from -40°C to $+90^{\circ}\text{C}$. The cables can be installed free moveable, free hanging or fixed. For free hanging operation the cables are twistable.

The cables are used for economic power transmission of large energy rates with medium voltage.

Assembly and termination

– we make sure that everything fits.

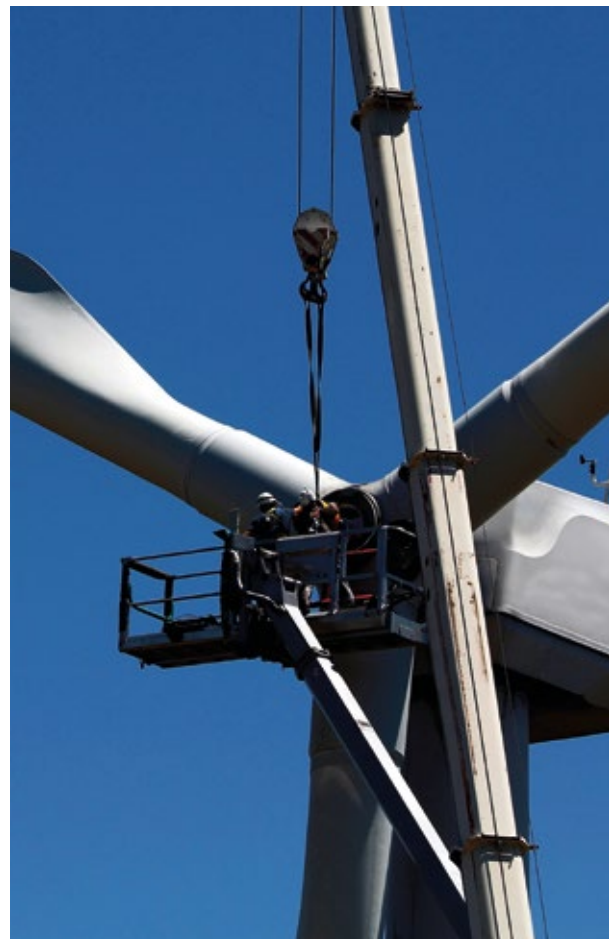
In our factory or on spot – we will make up your wind turbine cables (1–66 kV AC) ready for connection according to your requirements. We can also supply installation sets designed specifically for your requirements.

- Terminations of cast-resin, hybrid and vulcanization type
- Special terminations
- Medium voltage plug-on terminations
- Inner and outer cone connectors
- T plugs



MAIN FEATURES

- ✓ Ready-to-plug solutions – fast and easy to install
- ✓ Customised to your specific requirements
- ✓ Torsion secured down to -40°C
- ✓ At least 25 years of service life



WINDFLEX LSOH (N)TSCGEHXOEU 12/20 kV, 20/35 kV

WINDFLEX LSOH (N)TMCHXOEU 12/20 kV, 20/35 kV

Designed
& tested for
torsion*



WINDFLEX LSOH (N)TSCGEHXOEU 12/20 kV, 20/35 kV	
Global data	
Brand	WINDFLEX LSOH
Type designation	(N)TSCGEHXOEU
Standard	DIN VDE 0250-813, IEC 60502-2, IEC 60840
Construction characteristics	
Conductor	Electrolytic bare copper, finely stranded
Insulation	Halogen free special rubber
Electrical parameters	
Rated voltage	12/20 kV, 20/35 kV
Max. permissible operating voltage	AC: 13.9/24 kV
Thermal parameters	
Max. permissible temperature at conductor	90 °C
Short circuit temperature	250 °C
Min. temperature for installation and operation	-40 °C

WINDFLEX LSOH (N)TMCHXOEU 12/20 kV, 20/35 kV	
Global data	
Brand	WINDFLEX LSOH
Type designation	(N)TMCHXOEU
Standard	DIN VDE 0250-813
Construction characteristics	
Conductor	Bare copper
Insulation	Halogen free special rubber
Electrical parameters	
Rated voltage	12/20 kV, 20/35 kV
Max. permissible operating voltage	AC: 13.9/24 kV
Thermal parameters	
Max. permissible temperature at conductor	90 °C
Short circuit temperature	250 °C
Min. temperature for installation and operation	-40 °C

When arranged in trefoil also suitable in torsion.

* The multi-core cables are specially designed and tested for torsion. They are torsionable up to -40 °C with a life circle of 25 years. This design is proven in the field since 10 years and installed as standard (in series).

Made locally

We've been making cables in Germany since 1858. Today we have 2,000 skilled co-workers developing state-of-the-art cables in six plants all over the country. We can offer a complete range of cables covering everything from the deep blue sea, mines and tunnels to skyscrapers and satellites.

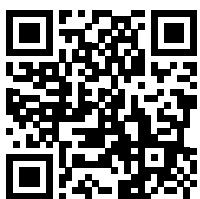
Two of our facilities are Centres of Excellence including R&D departments in which we develop new solutions to meet your specific needs as well as the common challenges of tomorrow.

When that is not enough, we have the largest cable manufacturer in the world to our disposal, Prysmian. That includes 50 countries, 112 plants, 25 R&D centres and about 30,000 skilled professionals doing nothing but developing and producing cable solutions that will solve your current and future needs.



PRYSMIAN

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