

HELUWIND® WK 103k-T, WK 103k EMV D-T

UV-resistant, UL/CSA-Style 10269/2570 Single-/Multicore, screened/unscreened



Technical data

- **Temperature range**
flexing -40°C to +80°C
fixed installation -40°C to +80°C
installation -40°C to +80°C
- **Nominal voltage**
VDE U₀/U 0,6/1 kV
UL 1000 V
- **Test voltage**
core/core 4000 V
- **Minimum bending radius**
flexing 8x cable Ø
fixed installation 4x cable Ø
- **Torsion application**
+/- 140° per 1 m
- **Approvals**
Singlecore UL-Style 10269
Multicore UL-Style 2570
cRUus
- **Flame test**
FT1, VW-1, IEC 60332-1

Cable structure

- Special bare copper conductors, fine stranded acc. to IEC 60228
- Special flexible insulation material for low temperatures
- Core identification to DIN 47100
JZ: black with white numbers + GN-YE conductor
- Multiconductors cabled
- Sheath special heat-resistant compound
- Sheath colour black

Properties

- UV-resistant
- multi-climate operation
- torsion tested
- flame-retardant
- oil-resistant
- recyclable
- **easy to assemble**

Note

Other diameters, part-no. and prices on request.
Please contact us with your individual requirements via
fax +49 7150 9209 5135.

Highest permissible Voltage

- DC:
Conductor/Conductor 1,8 kV
Conductor/Earth 0,9 kV
- AC: Conductor/Earth 0,7 kV
- Three phase: Conductor/Conductor 1,2 kV

Application

The WK 103k has been designed for flexible use, and specifically for torsional load in the cable loop of a wind power plant. The voltage level has been configured as 0,6/1 kV for all dimensions, which means that the cables can also be laid in parallel in compliance with UL standards. It is no longer necessary to separate the cable routes. The WK series has been successfully tested with more than 18,000 torsion cycles and thus offers optimum operational reliability far beyond the service life of the wind power plant.

CE= The product is conformed with the EC Low-Voltage Directive 2006/95/EC..

Dimensions and specifications may be changed without prior notice.