

HELUWIND® WK 101 H

0,6/1 kV, halogen-free, high flexible



Technical data

- **Temperature range**
flexing -40°C to +90°C
fixed installation -50°C to +100°C
- Permissible conductor **operating temperature** +90°C
- **Nominal voltage**
VDE U₀/U 0,6/1 kV
- **Test voltage**
4000 V
- **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
- **Minimum bending radius**
flexing 7,5x cable Ø
fixed installation 4x cable Ø
- **Halogen-free**
IEC 60754-1

Cable structure

- Special bare copper conductor, fine stranded acc. to IEC 60228
- Separating foil wrap
- Insulation: special compound black
- Sheath: special compound
- Sheath colour: black

Properties

- Halogen-free
- Abrasion resistant
- Extremely oil resistant
- UV and ozone-resistant
- Recyclable
- Multi-climate application

Note

A torsional version for loop application is available on request.

For more information, especially on custom cables, please contact us:
wind@helukabel.de

Application

The HELUWIND® WK series has been specifically designed for use in wind power plants. These cables are used in cases that require extremely narrow bending radii and high current carrying capacity levels (+90°C conductor temperature).

CE = Product conforms with Low-Voltage Directive 2014/35/EU.

Part no.	No. cores x cross-sec. mm ²	AWG-No.	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km
707522	1 x 16	-	9,7	154,0	240,0
707523	1 x 25	-	11,2	240,0	287,7
707524	1 x 35	-	12,6	336,0	394,4
707525	1 x 50	-	14,2	480,0	590,0
707526	1 x 70	-	16,2	672,0	757,7
707527	1 x 95	-	18,9	912,0	1230,0

Part no.	No. cores x cross-sec. mm ²	AWG-No.	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km
707528	1 x 120	-	20,2	1152,0	1295,7
707529	1 x 150	-	22,8	1440,0	1679,7
707494	1 x 185	-	26,7	1776,0	2009,9
707495	1 x 240	-	30,5	2304,0	2900,0
707530	1 x 300	-	34,9	2880,0	3490,1
707531	1 x 400	-	40,1	3840,0	4430,0

Dimensions and specifications may be changed without prior notice.