

HELUWIND® WK ALU Tower

0,6/1 kV



Technical data

- **Temperature range**
flexing -25°C to +50°C
fixed installation -40°C to +90°C
- Permissible conductor **operating temperature** +90°C
- **Nominal voltage**
0,6/1 kV
- **Test voltage**
4 kV
- **Minimum bending radius**
15x cable Ø
- **Approvals**
acc. to IEC 60502-1

Cable structure

- ALU stranded round shaped conductors (RM)
acc. to IEC 60228 cl.2 (nv) annealed
- Insulation: EPR compound black
- Sheath: special PCP compound
- Sheath colour: black

Properties

- UV resistant
- Oil resistant

Note

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

Application

For medium mechanical stress in dry, damp and wet environments; for outdoor use; particularly as a power cable in wind turbines, for fixed installation in the tower or lattice tower. Due to the special cable structure, and outer sheath, this cable provides a better flexibility than standard cables (NAYY-NA2XY-NA2XH). Thanks to its increased flexibility, this cable is perfectly suited for connecting wind turbines and external substations (pipes). The cable is also available with a rated voltage of 1,8/3 kV.

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

Part no.	No. cores x cross-sec. mm²	AWG-No.	Outer Ø app. mm	AL weight kg / km	Weight app. kg / km
708470	1 x 150	-	23,0	435,0	790,0
708471	1 x 185	-	26,0	537,0	960,0
709957	1 x 240	-	25,0	696,0	1100,0

Part no.	No. cores x cross-sec. mm²	AWG-No.	Outer Ø app. mm	AL weight kg / km	Weight app. kg / km
708473	1 x 300	-	29,0	870,0	1342,0
708474	1 x 400	-	31,4	1160,0	1843,0

Dimensions and specifications may be changed without prior notice.