

HELUWIND® WK ALU Blade

lightning protection, rotor blades



Technical data

- **Temperature range**
fixed installation -40°C to +80°C
- **Nominal voltage**
0,6/1 kV
- **Test voltage**
4 kV
- **Minimum bending radius**
fixed installation 15x cable Ø

Cable structure

- Aluminium conductor, with special conductor construction
- Special insulation compound
- Sheath colour: black

Properties

- Oil resistant
- UV resistant

Note

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

Application

This lightning protection cable is suitable for limited flexible applications despite its multi-stranding (class 2) aluminium conductor. This cable can be used in rotor blades of wind turbines.

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
706576	1 x 50	-	12,1	160,0	376,0

Part no.	No. cores x cross-sec. mm²	AWG-No.	Outer Ø app. mm	AL weight kg / km	Weight app. kg / km
706577	1 x 70	-	13,7	224,0	491,0

Dimensions and specifications may be changed without prior notice.