

HELUWIND® WK MS Multi-Torsion

3,6/6 kV, 12/20 kV, 24/38 kV



HELUKABEL HELUWIND® WK MS Multi-Torsion 12/20kV

Technical data

- **Temperatur range**
flexing -40°C to +90°C
- **Nominal voltage**
3,6/6 kV
12/20 kV
or 24/38 kV
- **Minimum bending radius**
12x cable Ø
- **Torsion application**
+/- 105° per 1m

Cable structure

- Special bare copper conductor, fine stranded acc. to IEC 60228
- Special semiconductor layer
- Special insulation black
- Core insulation with semiconductor layer for N-conductor
- Cores wrapped
- Inner Sheath special compound
- Sheath: special rubber compound
- Sheath colour: red

Properties

- Global application
- Abrasion resistant
- Flame retardant
- Torsion tested
- Oil resistant
- UV resistant
- Multi-climate operation
- Designed for CCV application
- Easy to assemble

Note

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

Application

The WK MS Multi-Torsion is designed for flexible applications, especially to accommodate torsional stress in the cable loop of a wind turbine. Due to its flexible structure, the cable allows for small bending radii and is ideally suited for power wiring in wind turbines. Voltage levels: 3.6/6 kV, 12/20 kV, 24/38 kV.

3,6/6kV

Part no.	No. cores x cross-sec. mm ²	AWG-No.	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km
708425	3 x 25 + 25	-	40,1	960,0	2600,0
708426	3 x 35 + 35	-	45,1	1344,0	3020,0
708427	3 x 50 + 50	-	47,2	1920,0	3500,0
708428	3 x 70 + 70	-	51,9	2688,0	4210,0

12/20kV

Part no.	No. cores x cross-sec. mm ²	AWG-No.	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km
708726	3 x 25 + 25	-	41,9	960,0	2790,0
708727	3 x 35 + 35	-	47,0	1344,0	3231,0

12/20kV

Part no.	No. cores x cross-sec. mm ²	AWG-No.	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km
708728	3 x 50 + 50	-	49,3	1920,0	3711,0
708729	3 x 70 + 70	-	54,0	2688,0	4421,0

24/38kV

Part no.	No. cores x cross-sec. mm ²	AWG-No.	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km
708730	3 x 25 + 25	-	43,6	960,0	2910,0
708731	3 x 35 + 35	-	48,9	1344,0	3400,0
708732	3 x 50 + 50	-	51,2	1920,0	3921,0
708733	3 x 70 + 70	-	56,0	2688,0	4638,0

Dimensions and specifications may be changed without prior notice.