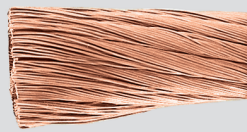


# HELUWIND® WK DLO, WK DLO-Torsion

2 kV, FT4, VW-1, RHH/RHW-2, UL44



(UL) TYPE 2kV FT-4 VW-1, for CT use -40°C TYPE DLO 2kV-TORSION 90°C MSHA

## Technical data

- **Temperature range**  
flexing -40°C to +90°C
- **Nominal voltage**  
2000 V
- **Torsion application**  
only for WK DLO-Torsion  
+/- 150° per 1m
- **Torsion rating**  
Torsion tested in accordance with  
HELUKABEL test requirements
- **Approvals**  
RHH/RHW-2, PRI PRII, CSA RW90,  
CSA 22.2 No. 38, VW-1,  
cold impact test, cold bend test,  
wet or dry per UL44, for CT use
- **Flame test**  
CSA FT1, FT4, IEEE 1202

## Cable structure

- Special stranded bare copper wire,  
fine stranded acc. to ASTM-B3
- Insulation: EP
- Separating foil wrap
- Sheath: TPE/CPE
- Sheath colour: black

## Properties

- UV resistant

## Note

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

## Application

The cable HELUWIND® WK DLO was specifically designed for use in wind turbines up to a nominal voltage of 2 kV.  
It has been specially developed for torsion applications in wind turbines. We supply the leading wind turbine manufacturers.

### WK DLO 2 kV

Part no.	Cross-section AWG / kcmil	Outer Ø app. mm	Weight app. kg / km	Outer Ø app. inch	Weight app. lb / kft
703156	14	5,9	37,0	0,23	0,0
703157	12	6,3	69,0	0,25	0,0
703158	10	7,2	100,0	0,28	0,0
702513	8	8,4	142,0	0,33	0,0
703159	6	9,4	200,0	0,37	0,0
703160	4	11,2	286,0	0,44	0,0
703161	2	12,7	370,0	0,50	0,0
703162	1	16,4	637,0	0,65	0,0
703163	1/0	16,7	715,0	0,66	0,0
703862	2/0	17,6	830,0	0,69	0,0
703164	3/0	19,6	1104,0	0,77	0,0
702863	4/0	21,0	1298,0	0,83	0,0
702514	262 kcmil	23,7	1590,0	0,93	0,0
703165	313 kcmil	25,4	1872,0	1,00	0,0
708857	373 kcmil	27,1	2176,0	1,07	0,0
703167	444 kcmil	28,8	2570,0	1,13	0,0
702515	535 kcmil	31,4	3046,0	1,24	0,0
703168	646 kcmil	33,6	3600,0	1,32	0,0
703169	777 kcmil	36,0	4290,0	1,42	0,0
703170	929 kcmil	38,4	5144,0	1,51	0,0
703171	1111 kcmil	42,5	6070,0	1,67	0,0

### WK DLO-Torsion 2 kV

Part no.	Cross-section AWG / kcmil	Outer Ø app. mm	Weight app. kg / km	Outer Ø app. inch	Weight app. lb / kft
709729	8	8,4	142,0	0,33	0,0
709730	6	9,4	200,0	0,37	0,0
709731	4	11,2	286,0	0,44	0,0
709732	2	12,7	370,0	0,50	0,0
709733	1	16,4	637,0	0,65	0,0
709734	1/0	16,7	715,0	0,66	0,0
709735	2/0	17,6	830,0	0,69	0,0
709288	3/0	19,6	1104,0	0,77	0,0
709289	4/0	21,0	1298,0	0,83	0,0
709290	262 kcmil	23,7	1590,0	0,93	0,0
709291	313 kcmil	25,4	1872,0	1,00	0,0
709292	373 kcmil	27,1	2176,0	1,07	0,0
709293	444 kcmil	28,8	2570,0	1,13	0,0
709294	535 kcmil	31,4	3046,0	1,24	0,0
709295	646 kcmil	33,6	3600,0	1,32	0,0
709296	777 kcmil	36,0	4290,0	1,42	0,0
709297	929 kcmil	38,4	5144,0	1,51	0,0
709298	1111 kcmil	42,5	6070,0	1,67	0,0

Dimensions and specifications may be changed without prior notice.