

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

Cable for torsion applications in wind turbines

Temperature range	flexible -25°C to +80°C fixed -40°C to +80°C
Nominal voltage	2000 V
Torsion application	only for WK DLO-Torsion +/- 150° per 1m

■ CABLE STRUCTURE

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

■ TESTS

- Torsion tested in accordance with HELUKABEL test requirements
- 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

■ 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.

■ NOTE

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

WK DLO 2 kV

Part no.	Cross-section AWG / kcmil	Outer Ø app. mm	Cop. weight kg/km	Weight app. kg / km
703156	14	5.9	22.0	37.0
703157	12	6.3	33.0	69.0
703158	10	7.2	61.0	100.0
702513	8	8.2	82.8	142.0
703159	6	10.1	140.0	200.0
703160	4	11.5	237.0	286.0
703161	2	12.6	339.0	370.0
703162	1	16.1	510.0	637.0
703163	1/0	17.5	465.0	715.0
703862	2/0	18.5	656.0	830.0
703164	3/0	20.2	930.0	1104.0
702863	4/0	21.7	1103.0	1298.0
702514	262 kcmil	24.8	1280.0	1590.0
703165	313 kcmil	26.4	1590.0	1872.0
703166	373 kcmil	28.2	1900.0	2176.0
703167	444 kcmil	30.0	930.0	1104.0
702515	535 kcmil	32.2	2608.0	3046.0
703168	646 kcmil	34.8	3300.0	3600.0
703169	777 kcmil	37.0	3970.0	4290.0
703170	929 kcmil	39.5	4780.0	5144.0
703171	1111 kcmil	44.4	5690.0	6070.0

WK DLO-Torsion 2 kV

Part no.	Cross-section AWG / kcmil	Outer Ø app. mm	Cop. weight kg/km	Weight app. kg / km
709729	8	8.3	82.8	142.0
709730	6	10.5	140.0	200.0
709731	4	11.9	237.0	286.0
709732	2	13.4	339.0	370.0
709733	1	16.6	510.0	637.0
709734	1/0	17.7	465.0	715.0
709735	2/0	19.2	656.0	830.0
709288	3/0	20.7	930.0	1104.0
709289	4/0	22.2	1103.0	1298.0
709290	262 kcmil	24.5	1280.0	1590.0
709291	313 kcmil	26.0	1590.0	1872.0
709292	373 kcmil	27.0	1900.0	2176.0
709293	444 kcmil	30.8	930.0	1104.0
709294	535 kcmil	32.5	2608.0	3046.0
709295	646 kcmil	34.8	3300.0	3600.0
709296	777 kcmil	37.8	3970.0	4290.0
709297	929 kcmil	40.5	4780.0	5144.0
709298	1111 kcmil	48.2	5690.0	6070.0