

HELUPOWER® DLO 2000 CU BARE

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



HELUPOWER® DLO 2000 CU BARE E517332 RHH/RHW-2 DRY 90°C WET UL 44 2000V
-40°C VW-1 CT SR PRI CSA 22.2 No. 38 602586 RW90 DRY 90°C WET 2000V FT1 FT4 SR PRI

TECHNICAL DATA

2000V highly flexible power cable acc. to UL 44

Temperature range flexing -40°C to +90°C
Nominal voltage 2000 V

CABLE STRUCTURE

- Special stranded bare copper wire class I, fine stranded acc. to ASTM-B3, B172
- Separator: polyester tape
- Insulation: EP
- Sheath: CPE
- Sheath colour: black

PROPERTIES

- Resistance to oil, UV radiation, ozone, weathering effects
- Abrasion resistant, notch resistant
- Sunlight resistance and direct burial
- for outdoor use
- the materials used during manufacturing are cadmium-free, contain no silicone and are free from substances harmful to the wetting properties of lacquers

TESTS

- Approved for use per the NEC as Type RHH/RHW-2 Cable 90C
- RHH/RHW-2, 90C Wet 90C Dry per UL 44 Thermoset-Insulated Wire & Cables
- For Cable Tray "CT" use (1/0 AWG and larger)
- CSA RW90, 90C Wet 90C Dry, CSA 22.2 No. 38 Thermoset-Insulated Wire and Cables
- Flame Test: UL VW-1, CSA FT1, FT4 - (70,000) BTU/hr Vertical Tray Test
- Oil resistance PRI

APPLICATION

HELUPOWER® DLO 2000 CU BARE is a rugged, flexible power cable engineered for demanding industrial environments requiring high current capacity up to 2 kV and exceptional durability. It is designed for conduit, aerial, and direct burial installations, and delivers superior resistance to abrasion, oil, heat, moisture, and weathering, which makes it ideal for use in renewable energy systems, mining equipment, motor leads, and portable industrial power applications.

NOTES

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

Part no.	AWG-No.	Outer Ø mm, approx.	Cu factor per km	Weight kg/km, approx
18078468	8	8.2	73.1	140.0
18078469	6	9.8	115.9	213.6
18078470	4	11.3	197.7	313.7
18078471	2	12.4	303.2	437.7
18078472	1	15.7	395.5	618.6
18078473	1/0	16.8	516.4	800.1
18078474	2/0	17.6	636.0	884.4
18078475	3/0	19.5	847.5	1208.3
18078476	4/0	21.0	1001.8	1318.7

Part no.	AWG-No.	Outer Ø mm, approx.	Cu factor per km	Weight kg/km, approx
18078477	262 kcmil	23.6	1230.5	1657.8
18078478	313 kcmil	25.3	1466.9	1941.6
18078479	373 kcmil	26.6	1753.2	2263.0
18078480	444 kcmil	28.8	2099.8	2720.2
18078481	535 kcmil	31.4	2504.5	3090.7
18078482	646 kcmil	33.8	2996.5	3634.4
18078483	777 kcmil	36.7	3623.1	4320.8
18078484	929 kcmil	39.3	4363.1	5114.5
18078485	1111 kcmil	45.8	5169.1	6444.8