

HELUPOWER® DLO 2000 ALU

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



HELUPOWER® DLO 2000 ALU E517332 RHH/RHW-2 DRY 90°C WET AL 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 power cable acc. to UL 44

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

CABLE STRUCTURE

- AA8000 series alloy Class B stranding
- Separator: polyester tape
- Insulation: Rubber based
- 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 ALU is a rugged, 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.	Al factor per km	Weight kg/km, approx
17000309	6	9.3	36.3	123.0
17000310	4	10.2	58.0	156.0
17000311	2	11.6	92.0	207.0
17000312	1	13.7	116.0	280.0
17000313	1/0	14.4	145.9	301.9
17000314	2/0	15.7	183.8	375.0
17000315	3/0	16.6	231.8	427.1
17000316	4/0	18.2	291.8	530.0
17000317	250 kcmil	20.6	345.6	643.1

Part no.	AWG-No.	Outer Ø mm, approx.	Al factor per km	Weight kg/km, approx
17000318	300 kcmil	22.0	414.8	760.0
17000319	350 kcmil	23.2	483.9	850.0
17000320	400 kcmil	24.1	553.0	912.0
17000321	500 kcmil	26.4	691.3	1095.0
17000322	600 kcmil	28.9	829.6	1302.9
17000323	700 kcmil	30.6	967.8	1487.0
17000324	750 kcmil	31.2	1036.9	1556.0
17000325	900 kcmil	33.6	1244.3	1788.0
17000326	1000 kcmil	35.2	1382.6	1962.0