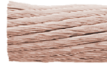


HELUPOWER® DLO 2000 CU TINNED

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



HELUPOWER® DLO 2000 CU TINNED 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 tinned copper wire Class I, fine stranded acc. to ASTM-B33, 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 TINNED 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
703156	14	5.8	18.6	68.8
703157	12	6.3	29.5	85.0
703158	10	7.3	48.1	111.0
702513	8	8.2	73.1	140.0
703159	6	9.8	115.9	213.6
703160	4	11.3	197.7	313.7
703161	2	12.4	303.2	437.7
703162	1	15.7	395.5	618.6
703163	1/0	16.8	516.4	800.1
703862	2/0	17.6	636.0	884.4
703164	3/0	19.5	847.5	1208.3

Part no.	AWG No.	Outer Ø mm, approx.	Cu factor per km	Weight kg/km, approx
702863	4/0	21.0	1001.8	1156.4
702514	262 kcmil	23.6	1230.5	1450.8
703165	313 kcmil	25.3	1466.9	1704.4
708857	373 kcmil	26.6	1753.2	1996.3
703167	444 kcmil	28.8	2099.8	2354.1
702515	535 kcmil	31.4	2504.5	2830.6
703168	646 kcmil	33.8	2996.5	3326.3
703169	777 kcmil	36.7	3623.1	3966.4
703170	929 kcmil	39.3	4363.1	4677.1
703171	1111 kcmil	45.8	5169.1	5768.8