

HELUWIND® WK RHH/RHW-2 ALU

UL listed as types RHW/RHW-2. RW90/R90, FT4 per CSA



Technical data

- **Temperature range**
flexing -40°C to +90°C (wet & dry)
- **Nominal voltage**
2000 V
- **Approvals**
UL 44 for Thermoset-Insulated Wires and Cables
ICEA S-95-658 / NEMA WC70 for Non-shielded 0-2 kV Cables
All cross sections are rated VW1 (fire protection classification)

Cable structure

- **Conductor:**
 - Aluminium AA-8000 alloy compacted conductor
 - Class B stranding, per ASTM B801
 - Sizes: 6 AWG - 1000 kcmil
- **Insulation:**
 - Flame retardant thermoset ethylene propylene rubber (EPR) compound
- **Sheath:**
 - Black flame retardant thermoset chlorinated polyethylene (CPE) compound

Properties

- Sheath is rated Oil Resistance I or II per UL 44
- Rated Sun Resistance for CT use, 1/0 AWG and larger

Note

- **RHH/RHW-2 600 V on request**
- For more information, especially on custom cables and connectivity solutions, please contact us: wind@helukabel.de

Application

For power, lighting, signal and control circuits installed in wet or dry locations. In conduit, duct, tray, and open air, and aerial installations. Suitable for use in industrial areas, fixed installation in wind turbines and utility systems where flame resistance is essential.

Part no.	Cross-section AWG / kcmil	Outer Ø app. mm	Weight app. kg / km	Outer Ø app. inch	Weight app. lb / kft
708746	6	8,9	0,0	0,35	71,0
708747	4	9,9	0,0	0,39	91,0
708748	2	11,4	0,0	0,45	124,0
708749	1	13,7	0,0	0,54	174,0
708750	1/0	14,5	0,0	0,57	202,0
708751	2/0	15,5	0,0	0,61	238,0
708752	3/0	16,8	0,0	0,66	281,0
708753	4/0	18,0	0,0	0,71	335,0

Part no.	Cross-section AWG / kcmil	Outer Ø app. mm	Weight app. kg / km	Outer Ø app. inch	Weight app. lb / kft
708754	250 kcmil	20,8	0,0	0,82	429,0
712222	300 kcmil	22,1	0,0	0,87	491,0
712223	350 kcmil	23,4	0,0	0,92	552,0
712224	400 kcmil	24,4	0,0	0,96	612,0
712225	500 kcmil	26,4	0,0	1,04	729,0
712226	600 kcmil	29,2	0,0	1,15	878,0
712227	750 kcmil	31,5	0,0	1,24	1052,0
712228	1000 kcmil	35,2	0,0	0,00	1338,0

Dimensions and specifications may be changed without prior notice.