

HELUPOWER® SOLARFLEX®-X RPVU90-AL

2000 V DC



TECHNICAL DATA

Cross-linked single conductor cable acc. to UL Std. 4703, CSA Std. C22.2 No. 271-11

Temperature range static -40°C to +90°C
Permissible operating temperature of the conductor +120°C

Nominal voltage UL DC 2000 V

Test voltage 10000 V

Minimum bending radius static 7x Outer Ø

■ CABLE STRUCTURE

- Aluminum, stranded compacted, AWG sizes
- Conductor insulation: cross-linked compound
- Outer jacket: cross-linked compound
- Jacket color: black

■ PROPERTIES

- Resistant to: UV radiation, ozone, weathering effects, water
- For outdoor use
- Direct burial
- Halogen-free

■ TESTS

- Halogen-free acc. to IEC 60754-1
- Flame-retardant acc. to UL VW-1, CSA FT1
- Smoke density acc. to IEC 61034-1+2
- UV-resistant acc. to UL 2556, CSA C22.2 No. 2556

■ APPLICATION

HELUPOWER® SOLARFLEX®-X RPVU90-AL is used for wiring solar modules. Suitable for direct burial; recommendation: laying in pipes.

Part no.	No. conductors x AWG No.	Outer Ø min - max mm	AL weight kg/km	Weight kg/km, approx.
18089432	1 x 350 kcmil	24.30 - 25.10	537.6	916
18089433	1 x 500 kcmil	27.20 - 28.20	717.2	1156
18089434	1 x 750 kcmil	31.50 - 32.50	1162.9	1715