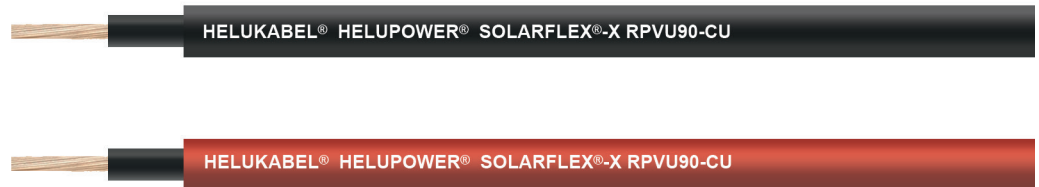


# HELUPOWER® SOLARFLEX®-X RPVU90-CU

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 5x Outer Ø

## CABLE STRUCTURE

- Copper wire tinned, finely stranded, AWG sizes
- Conductor insulation: cross-linked compound
- Outer jacket: cross-linked compound
- Jacket color: see table

## 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-CU is used for wiring solar modules. Suitable for direct burial; recommendation: laying in pipes.

No. conductors x AWG No.	Outer Ø min - max mm	Cu weight kg/km	Weight kg/km, approx.	Red	Black
				Part no.	Part no.
1 x 14	5.65 - 6.05	18.6	49	<b>18089442</b>	<b>18089441</b>
1 x 12	6.10 - 6.50	31.3	65	<b>18089427</b>	<b>18089426</b>
1 x 10	6.70 - 7.10	47.2	88	<b>18089429</b>	<b>18089428</b>
1 x 8	8.10 - 8.50	77.2	131	<b>18089431</b>	<b>18089430</b>