



ALUKAFLEX PV – PHOTO-VOLTAIC CABLES IN ALUMINUM FOR YOUR SOLAR PROJECT

With Alukaflex PV from DanCables you get a sturdy and robust aluminum cable suited for most types of solar projects. Whether you have a project for a solar plant facility or need to install solar panels on the roof of a factory, Alukaflex PV is an excellent choice of cable to connect the panels and inverter. The Alukaflex ECO installation cable can then be used to connect the installation to the power infrastructure.

Alukaflex PV is available in red and black and in several cross sections. The single-core aluminum conductor is offered in cross section from 4 to 35 mm² in the maximal voltage of 1,5 kV DC.

Like other Alukaflex cables with a flexible aluminum conductor, Alukaflex PV offers clear advantages such as lower weight compared to similar copper cables. This is especially beneficial when working on roofs with limited carrying capacity and for the working environment.

Cross section mm ²	Diameter mm	Weight kg/km	Delivery length m	DC conductor resistance Ohm/km
4	5,6	44	1000	8,1
6	6,1	52	1000	5,41
10	7,3	75	1000	3,08
16	8,3	98	1000	1,91
25	10,6	159	1000	1,20
35	11,8	199	1000	0,868

YOUR BENEFITS:

- ✓ Standard: EN 50618
- ✓ Lower weight compared to similar copper cables
- ✓ Excellent flexibility
- ✓ ROHS compliant

High quality material properties

- ✓ Halogen free
- ✓ Flame retardant
- ✓ Oil and chemical resistant
- ✓ Abrasion and crack resistant

Learn more at www.dancables.com

TYPICAL APPLICATION AREAS:



Alukaflex PV is suitable for all types of solar projects. Examples include solar parks on the ground, on residential buildings and industrial or office buildings.