

Connection Cable

Roof-Top

Connection cable for the Solarnative Roof-Top System

Our pre-assembled connection cables connect the Solarnative PowerStick micro-inverters to each other and the first PowerStick to the Solarnative IntelliGate. Sounds simple? It is!



Key Features



Universally applicable

Single cable type for connection from PowerStick to PowerStick or to IntelliGate



Always the right length

Pre-assembled cables from 0.8 m to 15.0 m length



Easy installation

Plug & Play



Safe connection

Click-in connectors, can only be unlocked with tooling

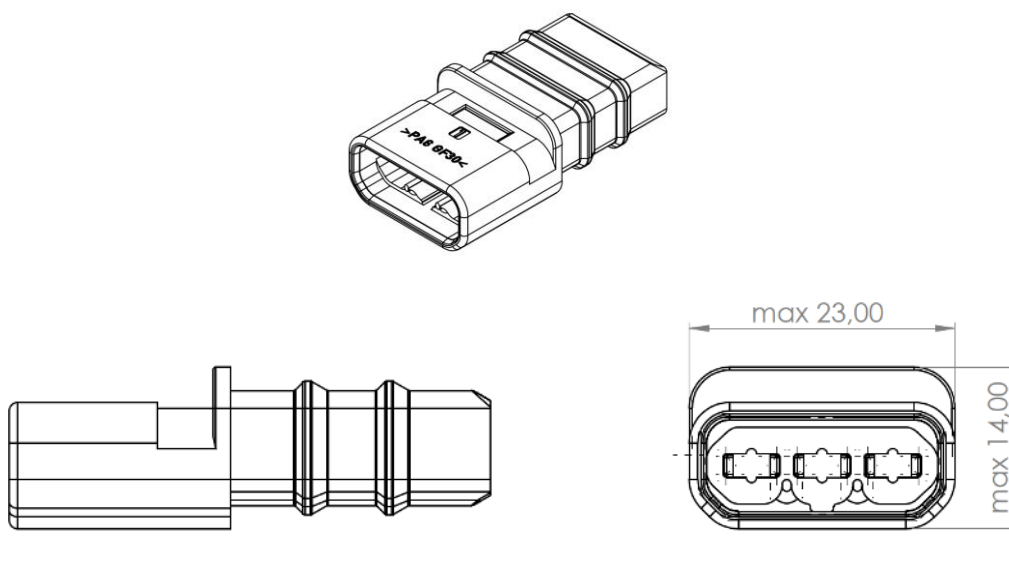
Technical Data

General Data	CC-x.x-10
Rated voltage	1.000 V
Ambient temperature range	-40 °C bis +105 °C
Cable type	UL 2586 (CE certified)
Cable cross section	AWG 12 (3 x 3.31 mm ²)
Degree of protection	IP67
Flame rating	UL 1581 (VW-1)
UV resistance	Yes
Outer diameter	9.5 mm +/- 0,2 mm
Bending radius	Min. 50 mm
Conductor resistance	Max. 23,2 Ω/km @ +20 °C
Outer size AC connector (width x height)	23 mm x 14 mm
Compliance	EN 50525-1:2011, IEC 60227-1:2007, IEC 60227-2:2003, IEC 60227-3:1997, IEC 60227-5:2011, UL 9703, RoHS

Item number	Phases	Rated current (@ +25 °C)	Length	Weight
CC-0.8-10	Single-phase	20 A	0.82 m +/- 20 mm	0.15 kg
CC-1.4-10	Single-phase	20 A	1.42 m +/- 20 mm	0.25 kg
CC-2.0-10	Single-phase	20 A	2.02 m +/- 20 mm	0.40 kg
CC-5.0-10	Single-phase	20 A	5.05 m +/- 50 mm	0.95 kg
CC-10.0-10	Single-phase	20 A	10.08 m +/- 80 mm	1.85 kg
CC-15.0-10	Single-phase	20 A	15.10 m +/- 100 mm	2.80 kg

For an actual overview of the countries in which the Solarnative Roof-Top can be used, see: WWW.SOLARNATIVE.COM/CERTIFICATIONS

AC connector



Roof-Top PV System Architecture

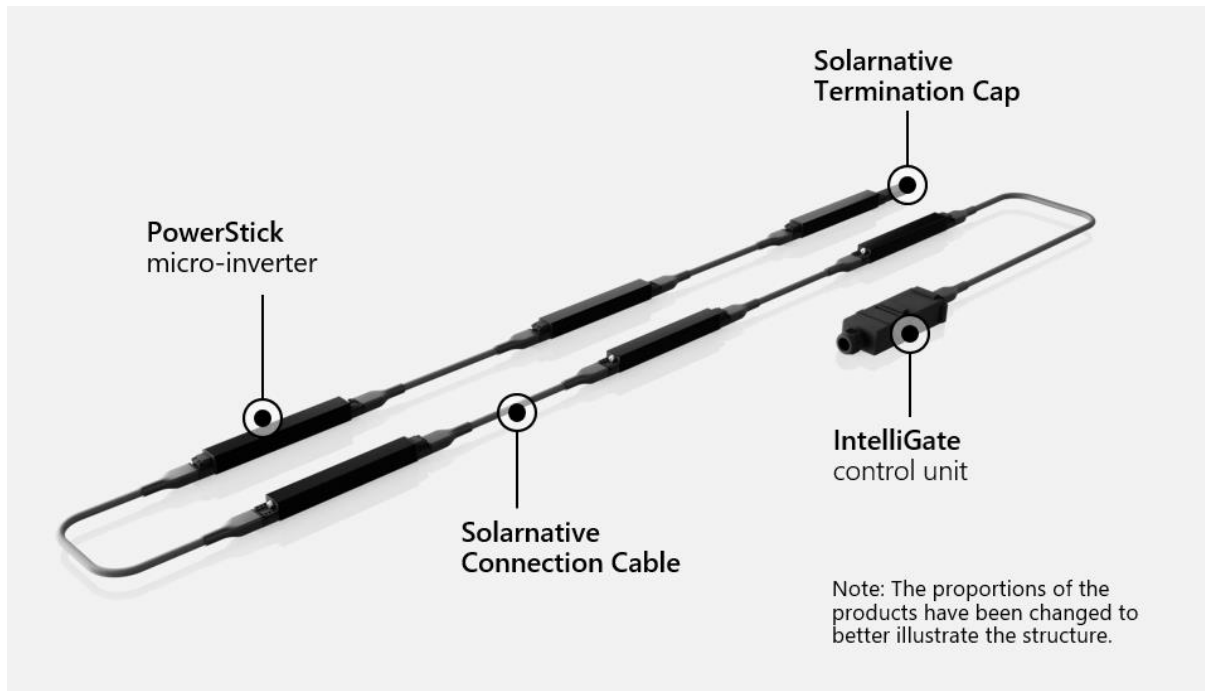


Illustration: Example setup with six PV modules.