

RA-6 : Daisy Chain Cable by Powerfilm



Price: CAD \$39.99

SKU: PFA06

Product Categories: [Powerfilm Solar](#), [Adaptor Cables](#), [Wire](#)

Product Tags: [accessory](#), [cable](#), [canada](#), [connect](#), [connector](#), [daisy](#), [daisy chain](#), [daisychain](#), [parallel](#), [powerfilm](#), [powerfilm ra-6](#), [powerfilm ra6](#), [ra-6](#), [ra6](#)

Product Page: <https://www.modernoutpost.com/product/powerfilm-a06-daisy-chain-cable/>

Product Summary

This is the cable you need to connect two PowerFilm solar panels together in parallel. It doesn't matter if the panels are different sizes... only that they are PowerFilm solar panels operating at the same voltage. The Daisychain cable will combine their output into a single cable for easy connection to your battery system.

PowerFilm daisy chain cable (RA-6).

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RA-6 Powerfilm Daisy Chain Combiner Cable Specifications

Wire Gauge : 18AWG outdoor rated

Connector Type : Delphi Weatherpack

Ampacity : 12A

Have you accounted for more current in your wiring?

You are using this Daisy Chain cable to combine Powerfilm panels. Up to 30W of total solar is a good match for the Powerfilm cabling such as the RA-7 extension cable. If you are going for more power than 30W, then consider adapting the Delphi to an Anderson [PowerPole 30](#)] or [45](#)] or [SB connector](#)] with heavier gauge wire. For example, #10AWG PV

wire can carry 30W (2A) @ 15.6V for 50' with only 1.6% voltage drop, or 60W (4A) with only 3.2% drop.

What is voltage drop?

It is an indication of the loss of energy in the wire due to resistance inherent in the copper (or aluminum). Voltage drop means energy loss, so we want to keep it to a minimum without adding too much cost by buying big cable, or having problems making connections with big cables.

3% drop is a typical target limit for off-grid systems.

5% drop it a typical target limit for unattended automated systems (lighting, sensors, etc)

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 0.12 kg