



a PennEngineering® Company

Cable Management for the Solar Industry

Stay Connected with Heyco®

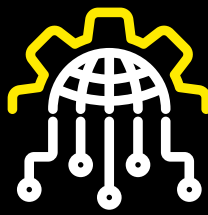
Decades of Experience, **Purpose-Built for Solar**

Heyco® has designed and manufactured wire protection products and stamped electrical components since 1926, and has been part of PennEngineering since 2016.

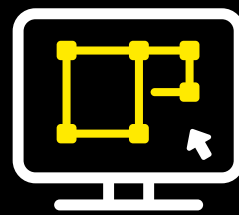
That depth of manufacturing experience is engineered directly into our Solar Power Components line – PV module clips, top rail clips, liquid tight cordgrips, wire protection, and grounding and bundling solutions – built to withstand decades of UV exposure, thermal cycling, and unattended field service.



US-Based
Manufacturing



Extensive Range of
Diverse Standard Parts



Dedicated In-House
Engineering Team

Part of the Electrical Design from Day One

Cable runs in a solar installation face UV exposure, thermal cycling, storms, wildlife, and years of unattended service. When cable management fails, the impact goes beyond cosmetics:

- Damaged conductors → arc-fault and fire risk
- Preventable failures → unplanned labor costs
- Degraded connections → energy loss
- Substandard installation → warranty and insurance exposure

The cost of getting it wrong

Cable and connector issues are among the leading causes of avoidable O&M site visits. A properly specified system is one of the lowest-cost, highest-impact decisions in a project's design package.



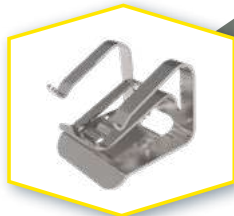
**HEYClip® SunRunner® 90°
Cable Clips**



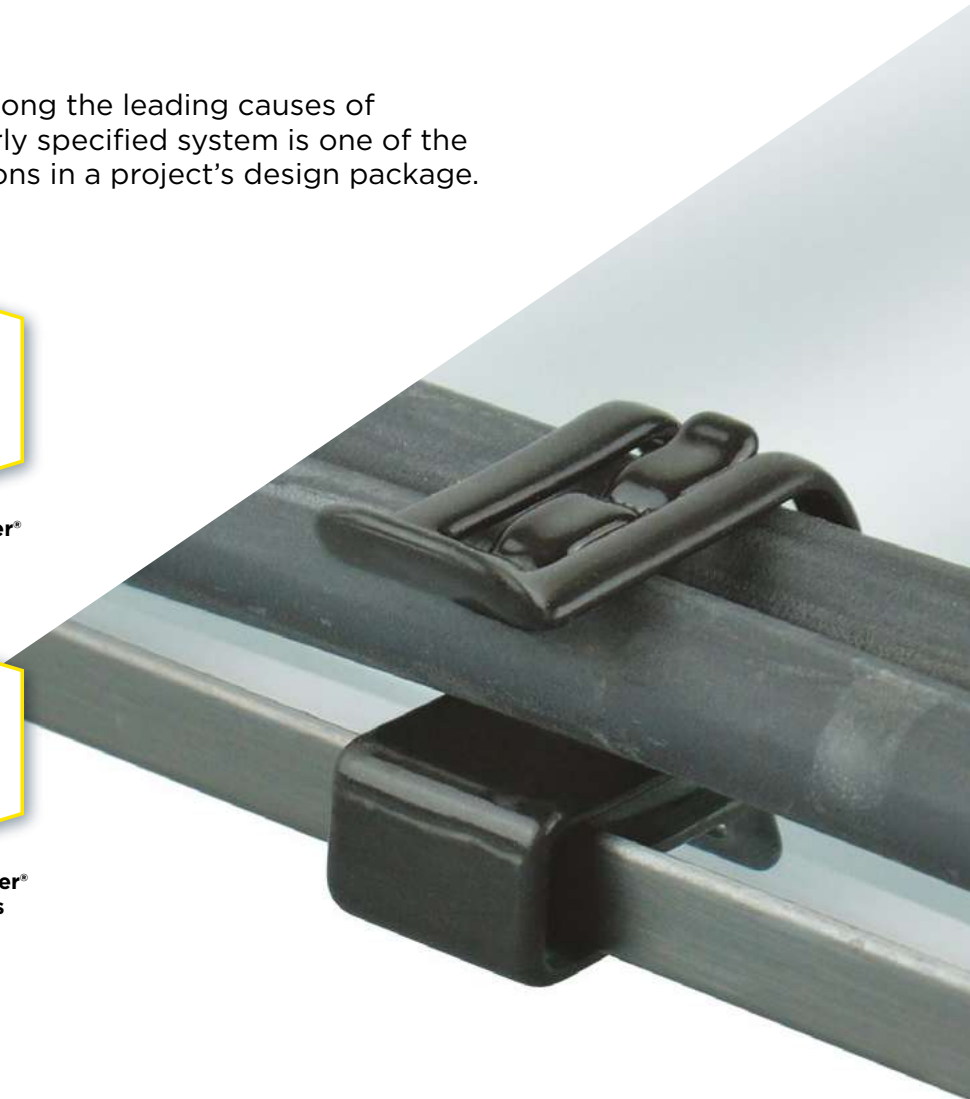
**HEYClip® SunRunner®
Cable Clips for
1-2 Cables**



**HEYClip® SunRunner®
PVHR Cable Clips**



**HEYClip® SunRunner®
2 x 2 Cable Clips
for 4 Cables**



Heyco® Solar Power Components Line



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Securing the Run



Helios™ Clip -
Bi-Directional,
Oval-Hole Mount



HEYClip®
SunRunner® 90°
Cable Clips



HEYClip®
SunRunner® 90°
Cable Clips

PV Module Clips

SunRunner® and Helios™ clips mount to the module frame. Parallel, 90-degree, bi-directional, blind-mount, oval-hole or no-flange mounting options secure the cable at the source.



HEYClip® Stainless
Steel SunRunner® 2
Series Cable Clips



Heyco® Quarter-Turn
Mount Wire Clips,
Helios QTM Series



HEYClip® Stainless
Steel SunRunner® 4-2
and 4-2U Cable Clips

Top Rail Clips

Quarter-Turn Mount and stainless steel SunRunner® clips route and secure string and micro-inverter cable along the top rail – no tools required.



Heyco® SS-Lock
Crimpless SunBundler®



Heyco® SunBundler®
Stainless Steel Cable Ties



Releasable Crimpless
SunBundler®



Heyco®
SunStrap™



Heyco® SunHangers™

Bundling Solutions & Accessories

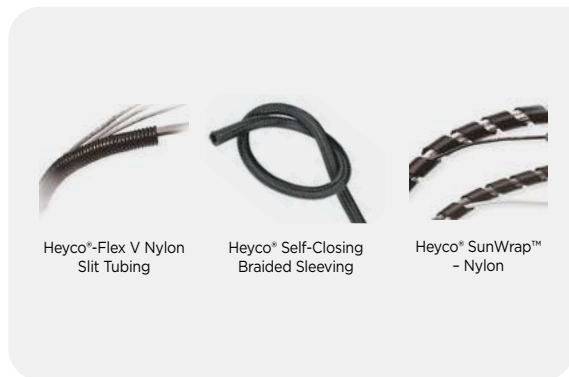
SunBundler® and Nytye™ UV-stabilized ties, SunClamp® hardware, Lockit™ P-clamps, and SunHangers™. Bundling and mounting solutions that limit wire abrasion.

Protecting and Grounding the Run



Cordgrips

Heyco® single-hole and Solar Masthead® II Cordgrips, application-specific grips including those for Enphase Q cables, and Heyco®-Tite Tear-Away Liquid Tight Cordgrips provide an IP 68 Seal and UL-rated strain relief into combiner boxes, junction boxes, and other enclosures.



Wire Protection

Heyco®-Flex™ nylon corrugated conduit and slit tubing, self-closing braided sleeving, and SunWrap™ guard exposed runs against abrasion and UV exposure.



Grounding Accessories

SunJumpers®, SunStars®, and LugRunners® maintain bonding continuity throughout the entire system.

One Source, From Panel to Grid

1

Panel Level

HEYClip® SunRunner® / Helios™ Clips: Secure cable at the module frame. Parallel, 90-degree, bi-directional, blind-mount, oval-hole, or no-flange mounting options.

LugRunners®, SunJumpers®, and SunStars®:
Maintain grounding and bonding continuity at the panel.

SunScreen® Wire Mesh and SunScreener® Clips: Block unwanted pests and debris around the panel with fast, tool-free installation.

2

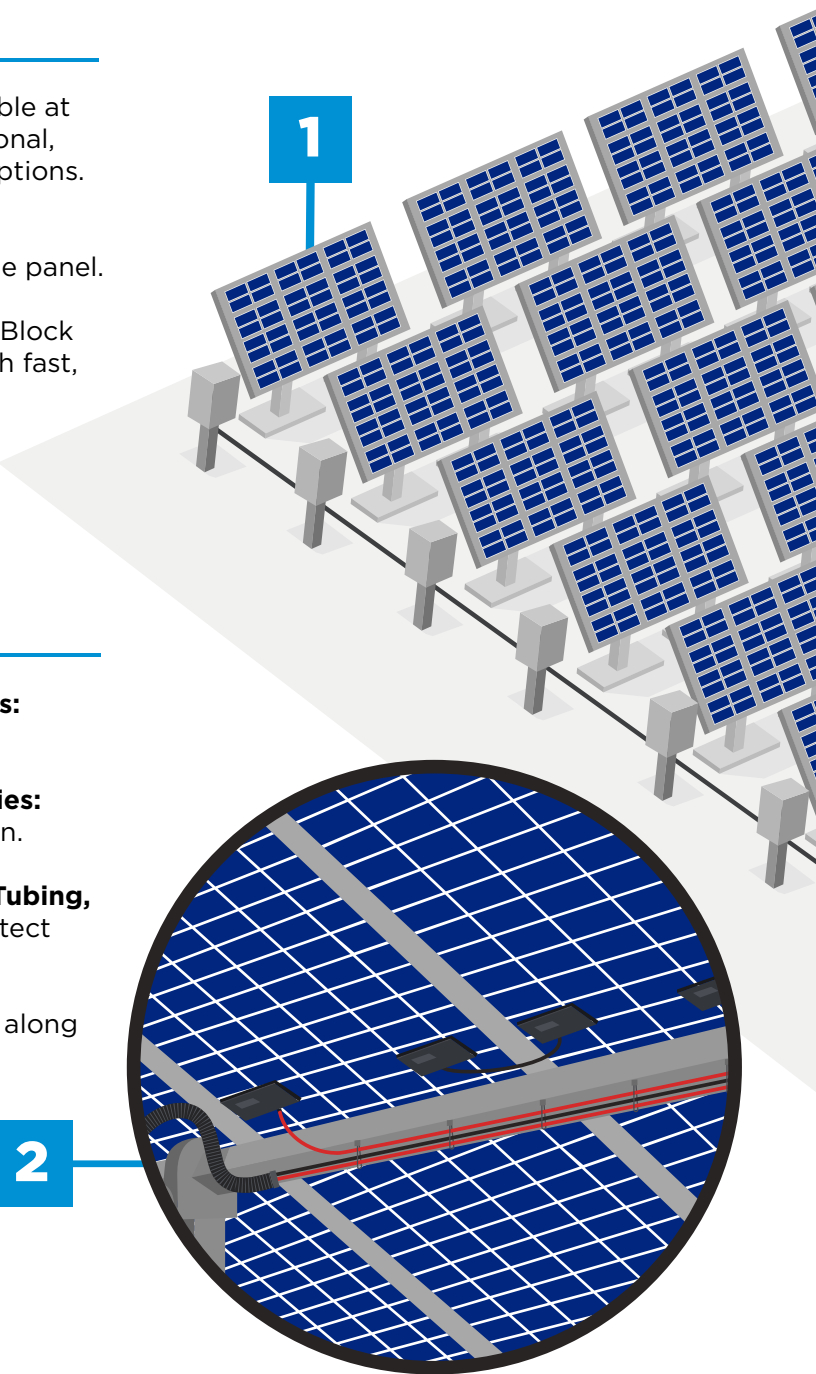
Racking Wire Management

Quarter-Turn Mount & SunRunner® Top Rail Clips:
Route cable along the rail – no tools required.

Heyco® SunBundler® Series and Nytye™ Cable Ties:
UV-stabilized bundling and support along the run.

Heyco®-Flex™ Nylon Corrugated Conduit / Slit Tubing, Self Closing Braided Sleeving & SunWrap™: Protect exposed runs from abrasion and UV exposure.

SunStrap™ / SunHangers™: Supports DC strings along length of the racking.



3

Combiner Box / Inverter / Switchgear

Heyco®-Tite Solar Masthead® II Cordgrips:

Sealed, strain-relieved cable entry.

Heyco®-Tite Tear-Away Liquid Tight Cordgrips:

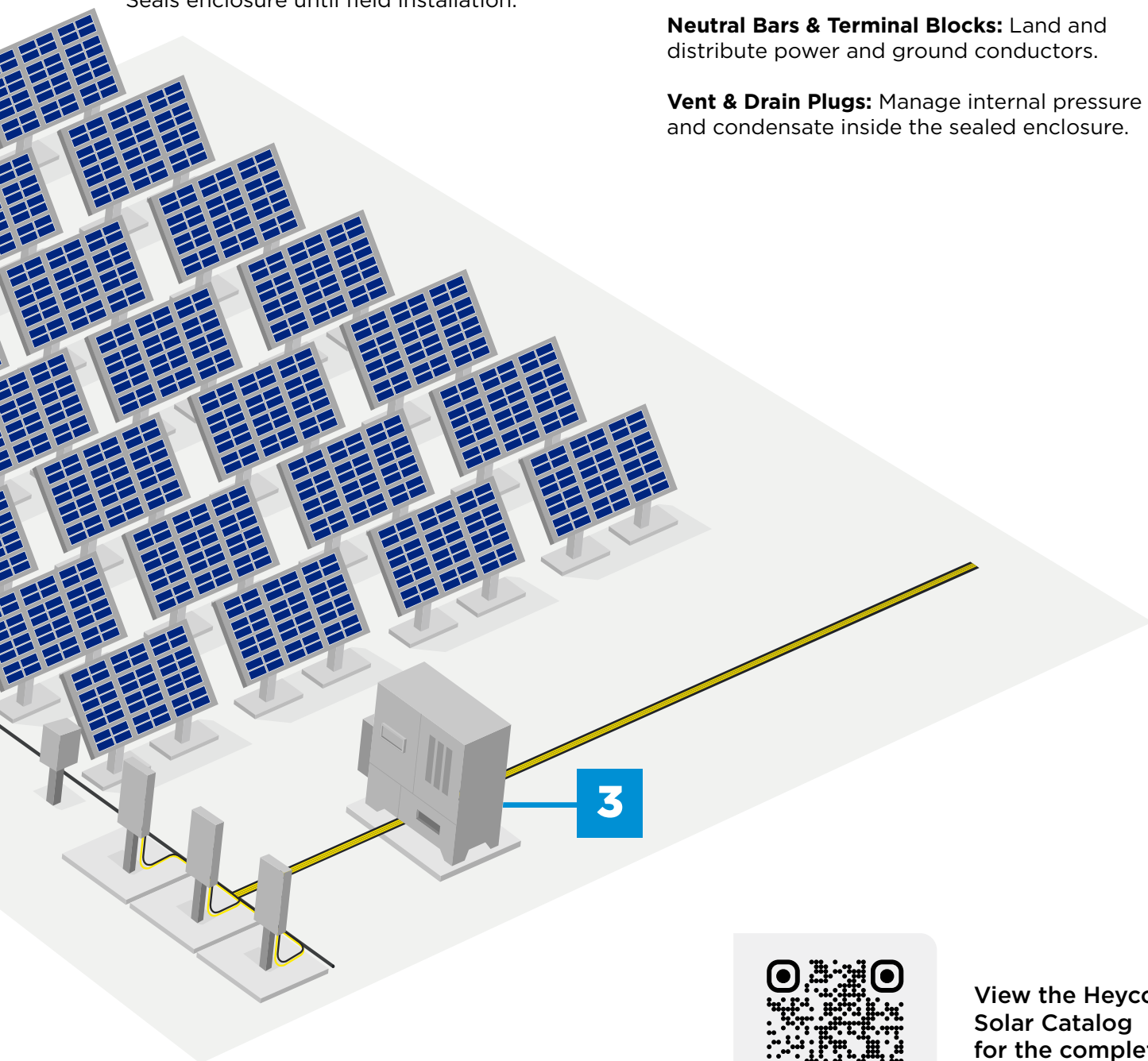
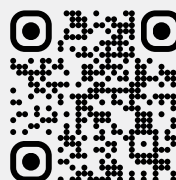
Seals enclosure until field installation.

Heyco® Liquid Tight PV Connector Cap:

One part protects both male and female PV connectors from moisture, dirt, and insects until ready for final installation.

Neutral Bars & Terminal Blocks: Land and distribute power and ground conductors.

Vent & Drain Plugs: Manage internal pressure and condensate inside the sealed enclosure.



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View the Heyco®
Solar Catalog
for the complete
product portfolio

Design Ahead, Build Off-Site

Inverter, combiner box and load-break disconnect (LBD) manufacturers, as well as BESS integrators, build Heyco® cordgrips, terminal hardware, vent plugs, and cable management directly into their bill of materials – before the enclosure ever reaches the job site.

It's the same standard trusted across the most demanding industrial, commercial, and outdoor applications – wide UL/CSA listings, IP68 and NEMA 4/4X/6/6P performance – in one catalog that covers cable entry, power termination, pressure management, and internal wire routing.



Where Heyco® Components Meet Your Enclosure

Liquid Tight Cordgrips

Nylon, stainless steel, plated steel, aluminum, nickel-plated brass; NPT, PG, and metric hubs.

Neutral Bars & Terminal Blocks

Aluminum neutral bars; screw-to-tab, barrier, and lay-in terminal blocks.

Vent & Pressure-Equalization Plugs

Threaded and snap-in; brass or nylon; NEMA 3R/4/4X rated.

Drain Plugs

Brass with stainless mesh, insect/dust screened.

Cable Ties & Mounting Platforms

Nytype™ nylon 6/6 and nylon 12, stainless steel; adhesive, screw, and push-mount.

Strain Relief Bushings & Grommets

Snap-in and Lockit™ pre-assembly styles, multiple panel-thickness ranges and wire types.

One Component Standard for Every Enclosure

Combiner & Junction/LBD Boxes

Every cable entering the box – PV strings, home-run trunk, ground – needs a sealed, strain-relieved path in, and every splice needs a rated terminal. Heyco® cordgrips cover the full range of thread standards and materials to match industry-standard NEMA or IP ratings; neutral bars and terminal blocks build the internal power and ground bus.

Battery Storage (BESS) Enclosures

BESS enclosures add dense busbar work, BMS wiring, and repeated thermal cycling. Heyco® vent and pressure-equalization plugs release internal pressure without letting in moisture or dust, paired with drain plugs at the low point – while Nytye™ ties and mounting platforms keep BMS wiring clear of busbars and heat.

One Supplier, Every Component

Cordgrips, terminal hardware, venting, and wire management all come from a single Heyco® catalog – consolidating what would otherwise be four or five vendor relationships into one – with consistent UL/CSA documentation and a single point of contact for engineering support.

Built to Your Spec, Fast

When a standard part doesn't fit a unique wire diameter or configuration, an unusual enclosure specification, or a specific performance requirement, Heyco®'s Axcell division designs and builds it. In-house tooling and a range of engineered thermoplastics beyond standard nylon 6/6 mean rapid prototyping and custom-molded components, without a lengthy tooling cycle.



Expert Mold Engineering



Custom Solutions



Expert Prototyping Team

Talk to Heyco® About Your Enclosure Program

Whether you're specifying a new combiner box platform, LBD line, or battery storage enclosure, our team can work from your specifications to recommend the right components – or engineer a custom solution.



renewables@heyco.com



(800) 526-4182

Patterns We See in the Field – and How to Prevent Them

Cable insulation scraping at rail edges

Install Heyco® SunRunner® Cable Clips with rounded edges to manage loose cables.

Mid-span sagging

Set clip spacing to eliminate droop between supports.

Rodent damage to conduit or jacketing

Use Heyco®-Flex™ conduit and SunScreen® mesh at grade-level transitions.

Cable fatigue at tracker pivots

Add a SunBundler® or heavy-duty locking clamp to properly secure wires.

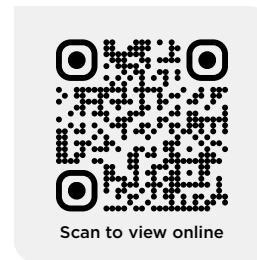
UV-related jacket cracking

Use Heyco®-Flex™ UV-resistant corrugated split tubing or self-closing braided sleeving for added protection.

Compliance and Quality, Built In

Heyco®'s solar-ready components are engineered and tested to meet rigorous industry standards, with many products carrying UL and/or CSA approval to help installers meet code compliance with confidence.

Built for the realities of outdoor and utility-scale environments, Heyco® products are designed to perform reliably through prolonged UV exposure, temperature extremes, moisture, and other harsh weather conditions – ensuring long-term durability wherever they're installed.



**Learn more about the
Heyco® Solar Warranty**





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Talk to a Heyco® Expert

Have a general question or need a specific part? Connect with one of our experts and find the right solution for your next solar project.



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Request a Quote

Ready to specify cable management for your next site? Reach out and we'll assess your project requirements and get back to you with a quote.



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Find a Distributor

Ready to speak with a distributor? Scan the QR code and select your region from the dropdown menu to find a representative near you.



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Order a Solar Components LabKit

Solar installations don't always go as planned - unexpected routing challenges, tricky bundling spots, or an unanticipated wire management issue can bring a job to a standstill.

Heyco®'s Solar Components LabKits are built for exactly these moments, giving installers a hands-on set of clips, cord grips, and bundling solutions to test and compare right on-site.

Instead of stopping the job to source a part or implement a workaround, installers can pull from the kit to quickly identify the right component for the job and keep moving.

Solar Power Components
Part No. 3000



For **Complete Cable Management
and Protection Solutions** That
Support Enhanced Product
Performance, **Trust Heyco®.**



a **PennEngineering®** Company

Heyco — The Cable Management Company™

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