



COMBINER HARNESS™

The **most durable** trunk solution in America

Combiner Harness™ is the industry's only overmolded trunk solution rated for both above-ground and direct burial applications. Paired with the 1500V DC Disconnect, the Combiner Harness™ system is engineered to combine wire assemblies, combiner boxes and fusing into a simple, free-air capable solution. It installs quickly with factory-terminated connections that eliminate field crimping, splicing and excess trenching, allowing for true plug & play installation with crews of all experience levels. Backed by 99% reliability¹ the Combiner Harness™ delivers long-term performance with less hardware, fewer labor hours, and guaranteed quality for utility-scale solar sites.

= product feature specialized to Construction Innovations

Product Specifications

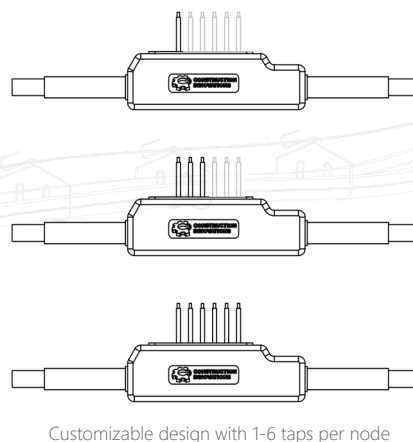
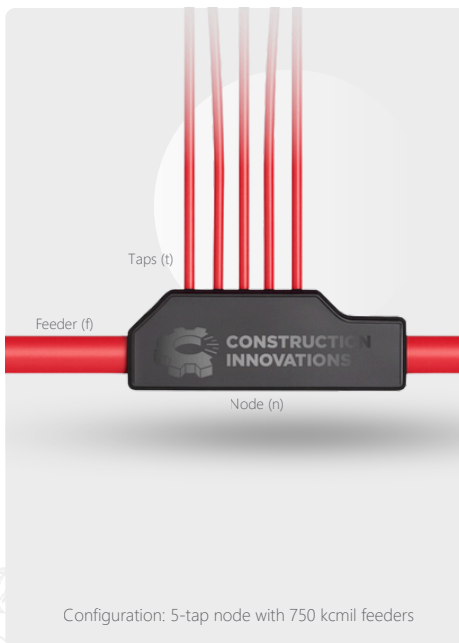
- Voltage rating: 1500VDC
- Max feeder conductor (f): 750 kcmil
- Max tap conductor (t): #8AWG
- Max overcurrent protection (f): 700A
- Max overcurrent protection (t): 60A
- Manufactured in the USA
- Bundled in row-customized reels
- System compatible with all major PV modules, including FSLR S4, S6, S7

Ratings & Listings

- Rated for Direct Burial application
- Listed to UL Std. 9703
Intertek

Configurations

- Feeder & tap conductor sizes
- Number of nodes per harness
- Distance between Combiner Harness™ nodes is custom designed to the row spacing of each project layout



System Details					Node Details	
Product	Mounting Application	Recommended Wire Management	Recommended Disconnect Means	Operating Temp	Tap/Feeder Connection	Taps
Combiner Harness™	Above ground, direct burial, or cable-tray	ZipLine™ System	CI360™ 1500V DC Disconnect	-40°C to -90 °C	Proprietary undermolded + overmolded process	Max. 6 per node

¹ Reliability based on failure claim rate of 0.017% on all Combiner Harness™ nodes installed on operating utility scale solar sites

