



ZIPLINE™ CABLE SYSTEM

The self-grounded messenger cable system

ZipLine™ Cable System is an integrated messenger cable, grounding, and wire management system designed to support Combiner Harness™ routing on utility-scale PV sites. By combining grounding and wire management functions into a single, lightweight system, ZipLine™ replaces fragmented cable support approaches with a single coordinated, code-compliant solution.

ZipLine™ is the only system listed to UL Std. 2703 compatible with multiple cable hanger types, offering more flexibility for project-specific configurations. The grounding system's galvanized EHS steel messenger cable is engineered for durability and temperature resistance, while its light and flexible construction makes it easier for crews to handle during install. Designed with installation sequencing and minimal tooling in mind, ZipLine™ supports efficient deployment and consistent execution while providing reliable cabling support for the life of the project.

= product feature specialized to Construction Innovations

System Features

Integrated Self-Grounding System:

- Galvanized EHS steel messenger cable
- High temperature resistance (1,500°C)

- Compatible with multiple hangers
- Messenger cable made in the USA

Ratings & Listings

- Grounding system listed to UL 2703
- Passed UL 467 Short Time Current Test

Install Efficiencies

- Over-the-pile design
- Lightweight, flexible cable for easy handling



ZipLine™ Self-Grounded Messenger System

See system specification table for more details





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System Specification Table

The ZipLine™ System Specification Table outlines the components that make up the complete self-grounded messenger system and the cable management system. Components are grouped by system function to clarify how each product is used. ZipLine™ cable management configurations are customized per-project to optimize site-specific needs with standardized components.



1500V DISCONNECT
COMBINER HARNESS™
ZIPSTRING™ STRING WIRE
ZIPLINE™ SYSTEM
STRING WIRE MANAGEMENT
ZIPCB™ COMBINER BOX

		Product Details		Product Specs	
		Image	Function	Product Name	Variations
Grounding System			ZipLine™ Self-Grounding System Listed to UL 2703 	ZipLine™ Messenger Cable	1/4", 5/16" or 3/8" Diameter
				ZipLine™ Braided Ground Strap	Length customized for each project
				ZipLine™ Copper Ground Wire	2 AWG Copper: Length customized for each project
Cable Management System			Messenger Cable Support	SpeedBracket™	12", 18" or 30" Length
				L Bracket	10", 13" or 17" Length
				ZipGuard™ Messenger Cable Seat	One size fits all piles
			Cable Protection	Pile Sleeve™	4" or 6" width
			East-West Combiner Harness™ Support	Cable Hanger	3-Loop: 1/4", 3/8" or 1/4" w/1.5" hook 4-Loop: 1/4" 3/8" or 1/4" w/1.25" hook
			North-South Combiner Harness™ Support	Combiner Harness™ Strut Support	One size fits all
				Pile Standoff™	One size fits all
				CableCradle™ Wire Support Assembly	One size fits all

Additional product information sheets available upon request for the specific Cable Management System components above