

Factory-Assembled DC Cabling System for Utility-Scale Solar Projects and Floating PV-Plants



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Pre-Assembled. Factory-Tested. Plug & Play.

Pre-Assembled. Factory-Tested. Plug & Play. HiSkon+ is a fully engineered DC cabling solution designed to simplify installation, improve quality, reduce project risk, and accelerate deployment of utility-scale photovoltaic power plants.

Key Benefits

- + Faster Installation
- + Factory-assembled cable harnesses reduce on-site installation effort and commissioning time.
- + Reduced Project Risk
- + Minimizes installation errors and eliminates field crimping variability.
- + Lower Installation Costs
- + Reduces labor requirements and project execution costs.
- + Superior Quality Assurance
- + Manufactured and tested under controlled factory conditions.
- + Optimized Logistics

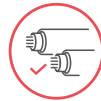
System Architecture



HIKRA SOL photovoltaic cables or HIKRA TECH direct-burial photovoltaic cables



Qualified connection technologies



Factory-assembled cable harnesses



Quality assurance documentation



Drum management and logistics planning



Customized cable labeling



Electrical testing and inspection records



Technical Specifications

Cable Construction	
System Voltage	Up to 1500V DC
Cable Types	HIKRA SOL/HIKRA TECH
Conductor Material	Copper
Cable Sizes	4 mm²/6 mm²/10 mm²
Operating Temperature	-40°C to +85°C
UV Resistance	Yes
Direct Burial Option	Yes
Floating PV Compatible	Yes
Factory Tested	Yes
Individual Labeling	Yes
Utility Scale Optimized	Yes

Flexible Connection Architecture. HISkon+ supports multiple qualified connection technologies, allowing seamless integration with virtually any utility-scale photovoltaic project.

Connector selection is determined during project engineering based on module compatibility, inverter requirements, customer preferences, and project-specific technical requirements.

Qualified Connection Options:

- Trina TS4
- Amphenol H4
- Stäubli MC4-Evo 2
- Additional qualified connection technologies available upon request



Typical Applications:

- Utility-Scale Solar Farms
- Solar Carports
- Agrivoltaic Installations
- Floating PV Systems
- Battery Energy Storage Systems
- Industrial & Commercial PV Projects

HISkon+ includes engineering services:

- Cable Harness Design
- Cable Routing Optimization
- String Layout Support
- Drum Schedule Preparation
- Labeling Concept Development
- Installation Documentation
- FAT Documentation
- Logistics Planning