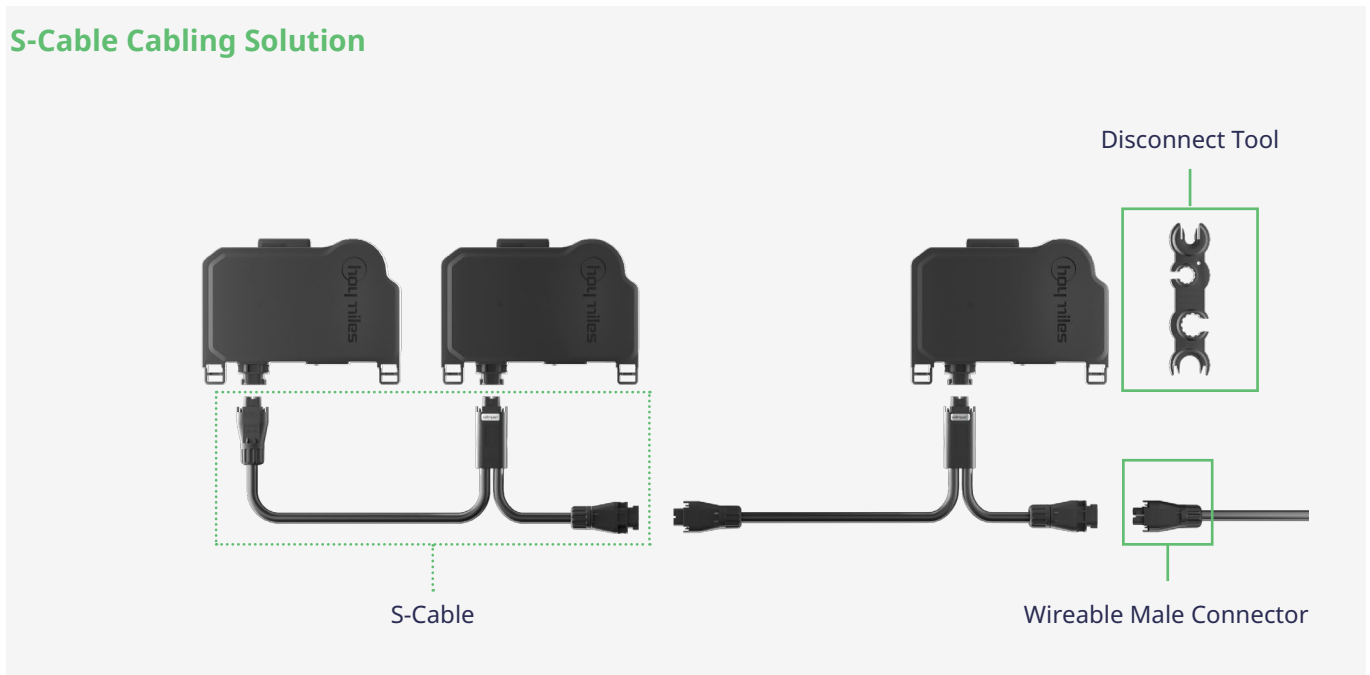


MiS Cable Accessories

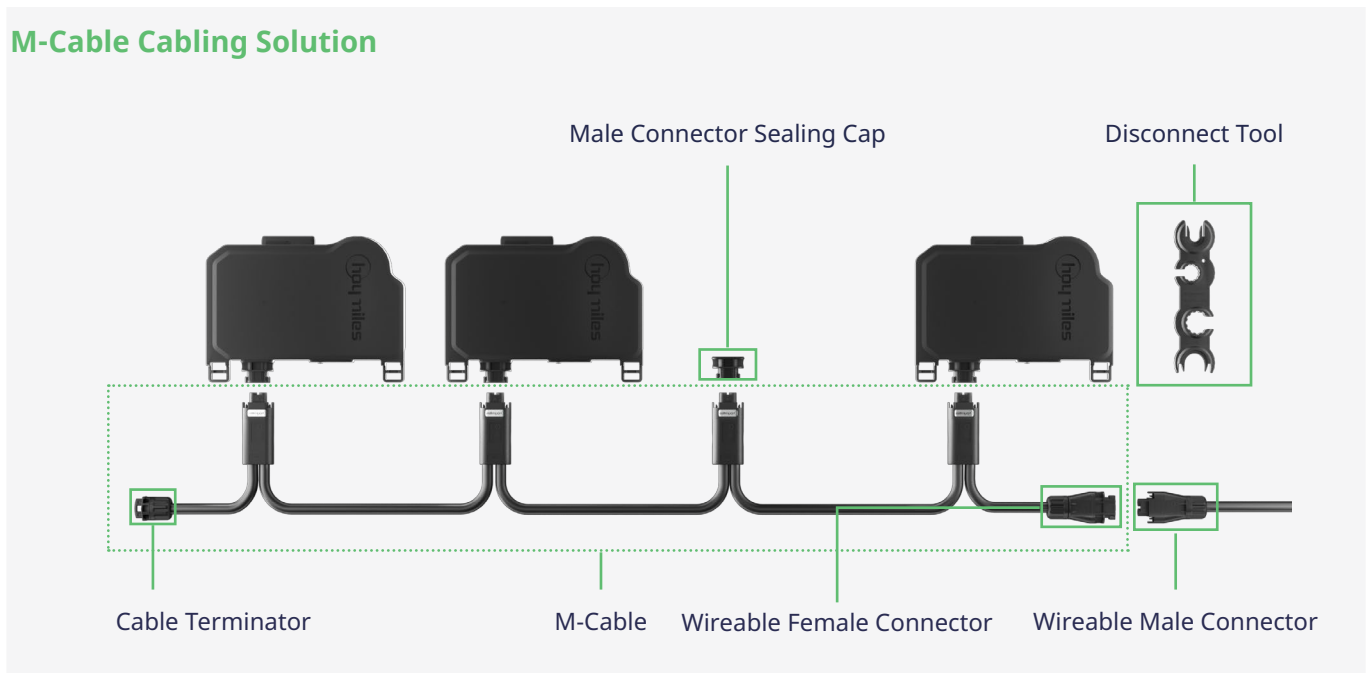
Simplify Your Installation with Easy, Flexible, and Reliable Cable System

The MiS Cable System is tailored for Hoymiles MiS series microinverters, offering an innovative solution with two conductors housed within a single sheath. This design makes it lighter and more cost-effective than ever before. It comes with two options: S-Cable Cabling Solution and M-Cable Cabling Solution. These options offer flexibility and affordability with different accessory combinations. Additionally, the MiS Cable System is designed to be plug-and-play, ensuring a faster, easier, and more reliable installation.

S-Cable Cabling Solution



M-Cable Cabling Solution

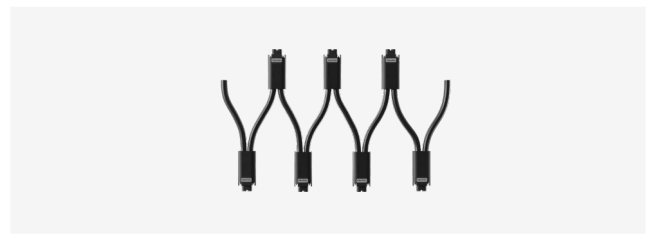


Cabling Accessories



S-Cable

It is a cable with three pre-installed connectors. It can be customized to different lengths, which is handy when the distance between microinverters changes. It's designed to be plug-and-play for quick installation.



M-Cable

It is a long cable with pre-installed plug-and-play connectors, which helps reduce costs. It's lighter than ever before and makes managing cables easier and more efficient.



Wireable Female Connector

It can be used with the Wireable Male Connector to create the AC End Cable or to extend the jumper with the Wireable Male Connector.



Wireable Male Connector

In the S-Cable system, it is used to finish the AC End Cable along with an AC cable. It can also connect the microinverter to the grid in a single-microinverter system.



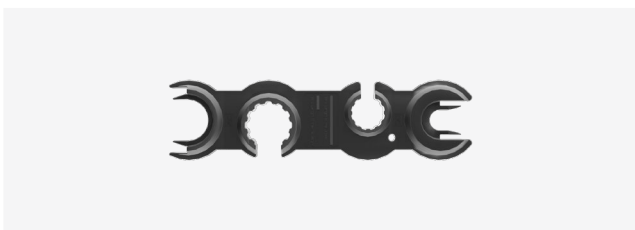
Cable Terminator

It is used for waterproofing in the M-Cable cabling solution. You can use it to seal the connector at one end of the AC output line. You can also use it to seal the connectors at both ends of the AC output loop if you want to connect the microinverter system to the power grid in the middle of an AC output line.



Male Connector Sealing Cap

It is used in the M-Cable Cabling Solution to protect any unused connectors on the AC output line.



Disconnect Tool

It's used for disconnecting both AC and DC connectors and loosening nuts on connectors.

Technical Specifications

S-Cable and M-Cable

Rated voltage	450 V (Connector rating up to 300 V)
Ambient temperature range	-40°C to +90°C
Protection rating	IP68 (1m, 1h)
Compliance	RoHS, UV Resistant
Cable type	PV07AC-F
Conductor size	2.5 / 4 mm ²
Cable flame rating	VW-1
Cable compliance	RoHS, UV Resistant
Standard	S-Cable and M-Cable: 2PFG 1940 Cable Terminator: Certified to IEC 61984 Male Connector Sealing Cap: Certified to IEC 61984

Connectors

Pin number	L + N
Rated voltage	300 V
Maximum current	40 A
Supported conductor size	2.5 / 4 mm ²
Supported conductor size	8 to 13 mm
Ambient temperature range	-40°C to +90°C
Protection rating	IP68 (1 m, 1 h)
Flame rating	UL94-V0
Compliance	RoHS, UV Resistant
Standard	IEC 61984

Connector Ordering Options

S-Cable Model	Conductors Cross Sectional Area	Rated Current @55 °C*	Cable Length Between Connectors	Minimum Bending Radius	Connectors and Cable Per Cabling	Box Dimensions
MIS SCable-EN25-160	2 × 2.5 mm ²	24 A	1.6 m	9 cm	TBD	480 × 354 × 265 mm
MIS SCable-EN25-280	2 × 2.5 mm ²	24 A	2.8 m	9 cm	TBD	480 × 354 × 265 mm
MIS SCable-EN40-160	2 × 4 mm ²	32 A	1.6 m	9 cm	TBD	480 × 354 × 265 mm
MIS SCable-EN40-280	2 × 4 mm ²	32 A	2.8 m	9 cm	TBD	480 × 354 × 265 mm

M-Cable Model	Conductors Cross Sectional Area	Rated Current @55 °C*	Total Length of Cable	Minimum Bending Radius	Quantity Per Box	Box Dimensions
MIS MCable-xCxL-EN25-160	2 × 2.5 mm ²	24 A	1.6 m	9 cm	TBD	480 × 354 × 265 mm
MIS MCable-xCxL-EN25-280	2 × 2.5 mm ²	24 A	2.8 m	9 cm	TBD	480 × 354 × 265 mm
MIS MCable-xCxL-EN40-160	2 × 4 mm ²	32 A	1.6 m	9 cm	TBD	480 × 354 × 265 mm
MIS MCable-xCxL-EN40-280	2 × 4 mm ²	32 A	2.8 m	9 cm	TBD	480 × 354 × 265 mm

Connector Model	Quantity Per Box	Box Dimensions
MIS Wireable Male Connector-EN2540	TBD	480 × 354 × 265 mm
MIS Wireable Female Connector-EN2540	TBD	480 × 354 × 265 mm
MIS Cable Terminator	TBD	480 × 354 × 265 mm
MIS Male Connector Sealing Cap	TBD	480 × 354 × 265 mm
MIS Disconnect Tool	TBD	480 × 354 × 265 mm

*: The given value is typical at 55°C temperature and may differ at different temperatures. To calculate the actual current carrying capacity of the cable at other temperatures, refer to the technical note 'Ampacity Calculation Guide for Hoymiles HMS Cable System'. Please comply with local standards when designing and installing cables.

Application

