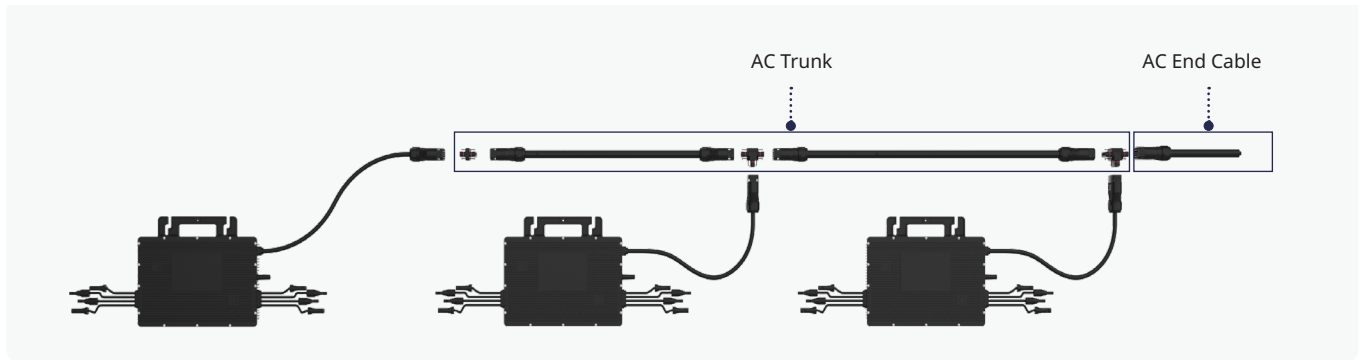# HMT Cable Accessories

SIMPLIFY YOUR INSTALLATION WITH EASY & FLEXIBLE & RELIABLE CABLE SYSTEM

The HMT cable system is a revolutionary cabling solution designed for the HMT series microinverters. Its user-friendly plug-and-play design makes the installation easier, faster, and more reliable. The HMT cable system also features high flexibility, allowing users to mix and match HMT Connection Cables of different sizes or lengths to achieve their desired wiring configuration at the lowest cost.

Time-saving: *Plug-and-play design eliminates the need for complex wiring, cutting installation time by 70%.*

Cost-effective: *The microinverter's AC output shares the same design as all connectors in the AC Trunk, enhancing flexibility while cutting costs.*

Flexibility: *Provide great flexibility for AC Trunk design that caters to the specific requirements of your PV system.*

Reliability: *Reconfigured wiring layout reduces heat production, ensuring a secure and stable connection.*

HMT Connection Cable

Make a customized AC Trunk by utilizing HMT Trunk Connectors and HMT Extension Connectors.

HMT Trunk Connector

Used to connect the microinverter's AC output to the AC Trunk, as well as to join together multiple HMT Connection Cables to create the AC Trunk.

HMT Extension Connector

Used to connect the first microinverter in the AC Trunk, to extend cable runs between microinverters when the distance exceeds the standard HMT Connection Cable length, and to create a cost-effective single-microinverter system.

HMT Cable Terminal Connector

Used to form the AC cable into an AC End Cable, which completes the connection between the end of the AC Trunk and the distribution box.

HMT Disconnect Tool

A versatile tool that can be used to take apart connectors, tighten nuts, and loosen nuts.

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Technical Specifications

Connector System Parameter

Pin number	3P + N[*] + PE
Voltage rating	500 V
Current rating	40 A
Max. supported conductor sizes	10 AWG
Max. supported cable outer diameter	0.87 inch. (22 mm)
Ambient temperature range	-40°F to +185°F (-40°C to +85°C)
Protection rating	IP 68
Flame resistance degree	UL94-V0
Compliance	RoHS, UV Resistant
Product standard	TBD

Cable System Parameter

Cable type	TC-ER
Voltage rating	600 V
Conductor size	12 / 10 AWG
Flame test rating	VTFT
Ambient temperature range	-40°F to +185°F (-40°C to +85°C)
Compliance	RoHS, UV Resistant
Product standard	UL44, UL1277, UL1581

* The HMT Connection Cable has five-core. In Delta (Δ) Configuration where no N connection is required, you can create the AC End Cable using a four-core cable.

Connector Ordering Options

Connector Model	Box Dimensions
HMT Trunk Connector	TBD
HMT Extension Connector	TBD
HMT Disconnection Tool	TBD
HMT Cable Terminal Connector	TBD

Connection Cable Model	Conductors Cross Sectional Area	Rated Current[1]	Cable Length Between Connectors[2]	Minimum Bending Radius	Box Dimensions
HMT Connection Cable-NA12-230	5 x 12 AWG	20 A	7.5 ft. (2.3 m)	2.8 ft. (7 cm)	TBD
HMT Connection Cable-NA12-460	5 x 12 AWG	20 A	15.1 ft. (4.6 m)	2.8 ft. (7 cm)	TBD
HMT Connection Cable-NA10-230	5 x 10 AWG	30 A	7.5 ft. (2.3 m)	3.5 ft. (9 cm)	TBD
HMT Connection Cable-NA10-460	5 x 10 AWG	30 A	15.1 ft. (4.6 m)	3.5 ft. (9 cm)	TBD

1) Please comply with local standards when designing and installing cables.
2) Cable length can be customized. Please contact Hoymiles sales for more details.