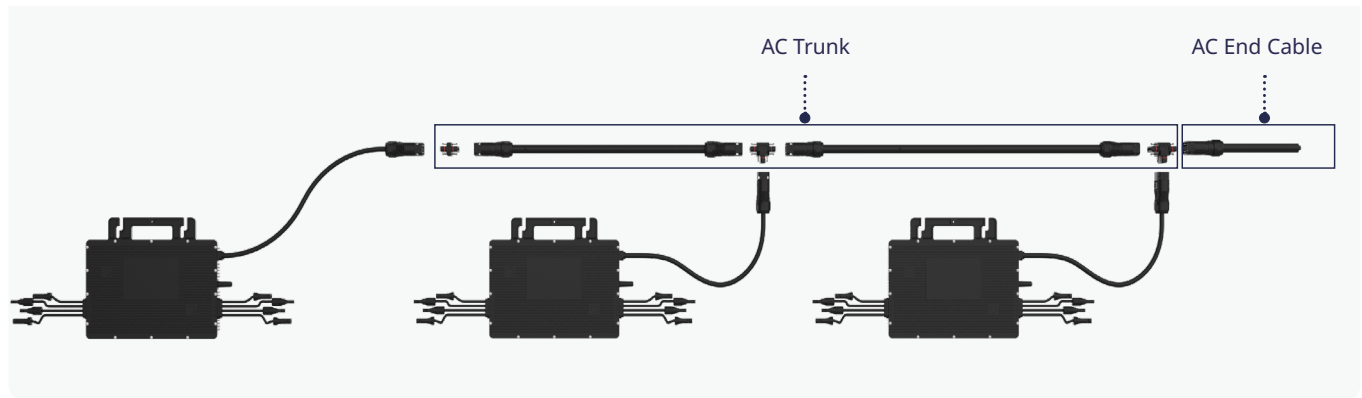


Flex-T5 Cable Accessories

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

The Flex-T5 Cable System is a revolutionary cabling solution designed for MiT series microinverters. Its user-friendly plug-and-play design makes the installation easier, faster, and more reliable. The Flex-T5 Cable System features high flexibility, allowing users to mix and match Flex-T5 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.

Flex-T5 Connection Cable

Makes a customized AC Trunk by utilizing Flex-T5 Trunk Connectors and Flex-T5 Extension Connectors.



Flex-T5 Trunk Connector

Used to connect the microinverter's AC output to the AC Trunk, and to join together multiple Flex-T5 Connection Cables to create the AC Trunk.



Flex-T5 Extension Connector

Used to connect the first microinverter in the AC Trunk, to extend cable runs between microinverters when the distance exceeds the standard Flex-T5 Connection Cable length, and to create a cost-effective single-microinverter system.



Flex-T5 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.



Flex-T5 Disconnect Tool

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



Technical Specifications

| Connector System Parameter | | |
|-------------------------------------|--|---------------------------------|
| Compatible microinverter | | MIT series |
| Pin number | | 3P + N + PE |
| Rated voltage | | 500 V |
| Rated current | | 40 A |
| Max. supported conductor size | | 6.0 mm ² |
| Max. supported cable outer diameter | | 20.5 mm |
| Ambient temperature range | | -40°C to +85°C |
| Protection rating | | IP68 |
| Flame resistance degree | | UL94-V0 |
| Compliance | | RoHS, UV Resistant |
| Product standard | | EN 61984 |
| Cable Parameter | | |
| Cable type | | H07RN-F |
| Rated voltage | | 450 V / 750 V |
| Conductor size | | 2.5 / 4.0 / 6.0 mm ² |
| Ambient temperature range | | -40°C to +90°C |
| Compliance | | RoHS |
| Product standard | | EN50525-2-21 |

Ordering Options

| Name | Model | Number per Box | Box Dimensions |
|----------------------------------|----------------|----------------|--------------------------|
| Flex-T5 Trunk Connector | T5-TC | 160 PCS | 495 mm × 290 mm × 255 mm |
| Flex-T5 Extension Connector | T5-EC | 300 PCS | 495 mm × 290 mm × 255 mm |
| Flex-T5 Disconnection Tool | T5-DT | 320 PCS | 495 mm × 290 mm × 255 mm |
| Flex-T5 Cable Terminal Connector | T5-CTC-EN2540C | 110 PCS | 495 mm × 290 mm × 255 mm |
| | T5-CTC-EN60C | TBD | 495 mm × 290 mm × 255 mm |
| | T5-CTC-EN2560C | TBD | 495 mm × 290 mm × 255 mm |
| | T5-CTC-EN2560S | TBD | 495 mm × 290 mm × 255 mm |

| Flex-T5 Connection Cable Model | Conductors Cross Sectional Area | Rated Current * | Cable Length Between Connectors ** | Minimum Bending Radius | Number per Box | Box Dimensions |
|--------------------------------|---------------------------------|-----------------|------------------------------------|------------------------|----------------|--------------------------|
| T5-CC-EN25-230 | 5 × 2.5 mm ² | 22 A | 2.3 m | 9 cm | TBD | 345 mm × 345 mm × 375 mm |
| T5-CC-EN25-300 | 5 × 2.5 mm ² | 22 A | 3.0 m | 9 cm | TBD | 345 mm × 345 mm × 375 mm |
| T5-CC-EN25-460 | 5 × 2.5 mm ² | 22 A | 4.6 m | 9 cm | TBD | 345 mm × 345 mm × 375 mm |
| T5-CC-EN40-230 | 5 × 4.0 mm ² | 30 A | 2.3 m | 11 cm | TBD | 345 mm × 345 mm × 375 mm |
| T5-CC-EN40-300 | 5 × 4.0 mm ² | 30 A | 3.0 m | 11 cm | TBD | 345 mm × 345 mm × 375 mm |
| T5-CC-EN40-460 | 5 × 4.0 mm ² | 30 A | 4.6 m | 11 cm | TBD | 345 mm × 345 mm × 375 mm |
| T5-CC-EN60-230 | 5 × 6.0 mm ² | 39 A | 2.3 m | 12 cm | TBD | 345 mm × 345 mm × 375 mm |
| T5-CC-EN60-300 | 5 × 6.0 mm ² | 39 A | 3.0 m | 12 cm | TBD | 345 mm × 345 mm × 375 mm |
| T5-CC-EN60-460 | 5 × 6.0 mm ² | 39 A | 4.6 m | 12 cm | TBD | 345 mm × 345 mm × 375 mm |

* : Comply with local standards when designing and installing cables.

** : Cable length can be customized. Contact Hoymiles sales for more details.