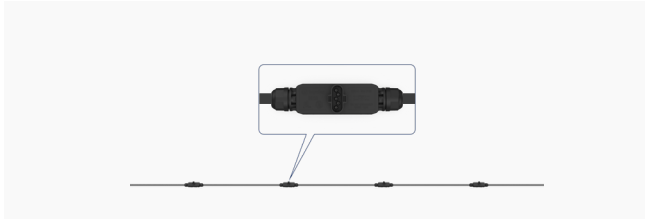


# Cable Accessories for Microinverter of HMT Series



### 3P-AC Trunk Cable, 12/10 AWG Cable

3P-AC Trunk Cable is used to connect the microinverter to distribution box. The Trunk Connector on the 3P-AC Trunk Cable is evenly distributed at intervals, Hoymiles provides 3P-AC Trunk Cable with different AC Trunk Connector spacing.



### 3P-AC Trunk Connector

The AC Sub Connector of the microinverter can be inserted into the port of the 3P-AC Trunk Connector. Plug and play connectors speed up and simplify installation.



### 3P-AC Trunk Port Cap

Used to protect vacant AC Trunk Port.



### 3P-AC Trunk End Cap

Used to protect the cable port of 3P-AC Trunk Connector at the end of the 3P-AC branch.



### 3P-AC Trunk Port Disconnect Tool

Used to disconnect the connection between the microinverter and the 3P-AC Trunk Connector.



### 3P-AC Trunk Connector Unlock Tool

Used to unlock the 3P-AC Trunk Connector upper cover so that the cable can be removed, replaced, and the 3P-AC Trunk End Cap installed.



### DC Extension Cable

Connect the microinverter and the PV module when the distance between the two exceeds the original cable length.

# Technical Specifications

Model	3P-AC Trunk Cable	
<b>Main Parameters</b>		
Cable type	12/10 AWG	
Rated voltage	600V	
Cable outer diameter	15.8±0.50mm	
Ambient temperature range	-40°C~+90°C	
AC Trunk Connector spacing	3.05m	
Number of AC Trunk Connectors per single AC Trunk Cable	14	
Single AC Trunk Cable length	45.5m	
<b>Compliance</b>		
Product standard	UL44 UL1277 UL1581	
RoHS compliant	Yes	

Model	3P-AC Trunk Connector	
<b>Main Parameters</b>		
Pin number	3P+N+PE	
Rated current	32A ( Use 10AWG/6mm <sup>2</sup> copper cable)	
Rated voltage	500V	
Contact resistance	≤5 mΩ	
Power frequency withstand voltage	3000V AC	
Over voltage type	III	
<b>Connection Parameter</b>		
Applicable cable specification	12/10 AWG	
Applicable cable outer diameter	13~18mm	
Cable connection type	Screw pressing	
Sub connector connection type	Crimping	
<b>Mechanical Data</b>		
Ambient temperature range	-40°C~+85°C	
Dimensions(L×W×H mm)	200*45*120	
Protection rating	IP68	
Flame resistance degree	UL94-V0	
<b>Compliance</b>		
Product standard	2PFG1915 ANSI/UL 6703-2017	
RoHS compliant	Yes	

Model	DC Extension Cable	
<b>Cable</b>		
Cable type	PV1-F 1X4	
Rated current	20A	
Rated voltage	Max.1800V DC	
Cable length	1m	
Ambient temperature range	-40°C ~ +90°C	
Product standard	2 PFG 1169/08.2007	
<b>DC Connector</b>		
Manufacturer	Betteri	Staubli
Type	BC03A, BC03B	PV-KBT4/6II-UR
Rated current	30A	39A(TUV), 30A(UL)
Rated voltage	1000V DC(TUV), 600/1000V DC(CSA)	1000V DC(TUV), 1500V DC(UL)
Rated impulse withstand voltage	6000V	12000V
Over voltage category	III	
Ambient temperature range	-40°C~+85°C	-40°C ~ +85°C(TUV), -40°C ~ +75°C(UL)
Protection rating	IP67	IP68
Flame resistance degree	UL94-V0	
Product standard	EN 62852:2014 UL6703	EN 62852 UL6703 2PFG2330 CNCA/CTS0002-2012
RoHS compliant	Yes	

## Ordering Information

### AC (Three Phase Trunk) Accessories

Type	Model	Description
3P-AC Trunk Cable	3P-AC Trunk Cable_14T_14L_12AWG-3.05m	14 Three Phase AC Trunks and 14 AC Cable (Per Cables Length 3.05m, 12AWG)
	3P-AC Trunk Cable_14T_14L_10AWG-3.05m	14 Three Phase AC Trunks and 14 AC Cable (Per Cables Length 3.05m, 10AWG)
3P-AC Trunk Port Cap	3P-AC Trunk Port Cap	1 Three Phase AC Trunk Port Cap
3P-AC Trunk Connector Unlock Tool	3P-AC Trunk Connector Unlock Tool	1 Three Phase AC Trunk Connector Unlock Tool
3P-AC Trunk End Cap	3P-AC Trunk End Cap	1 Three Phase AC Trunk End Cap

### DC Accessories

Type	Model	Description
DC Connector-F	BC03A-F-C24	1 DC Female Connector (Betteri)
DC Connector-M	BC03A-M-C24	1 DC Male Connector (Betteri)
DC Connector Unlock Tool	MC4_Con_Unlock	1 DC Connector Disconnect Tool
DC Extension Cable	DC_Ext_Cable-1m	1 DC Male Connector (Betteri), 1 DC Cable (Cable Length 1m, 12AWG) and 1 DC Female Connector (Betteri)
	Stau_DC_Ext_Cable-1m	1 DC Male Connector (Staubli), 1 DC Cable (Cable Length 1m, 12AWG) and 1 DC Female Connector (Staubli)