

## CH-HMAA-HMAB-06-0500-AB

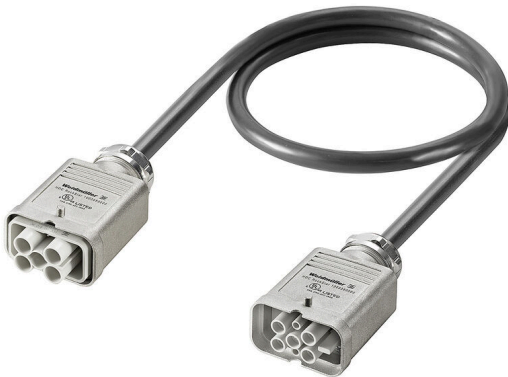
**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)



Product similar to illustration

The increasingly networked industrial world goes hand in hand with the modularization of machines and systems. Functions from the control cabinet are increasingly being moved to field level, which drives up the amount of cabling required.

Our ready-for-connection cable assemblies can be used wiring in field level and for transmitting data or power in various applications. The Plug & Produce solution by Weidmüller are fully tested and will lead to simplification of assembly on your machine. This allows you to focus on your core competencies and further increase your efficiency.

With our broad product portfolio of certified components, we offer you a wide diversification so that we can provide you the perfect solution for your application.

If you cannot find the cable assembly you are looking for despite our continuously growing portfolio, we can also offer you different length variants and customer-specific solutions.

### General ordering data

Version	Heavy duty connector assemblies, Pin, Socket connector, Helukabel JZ-500-C black 7G2.5 or similar, Shielded: Yes, Number of poles: 6
Order No.	<a href="#">2712370500</a>
Type	CH-HMAA-HMAB-06-0500-AB
GTIN (EAN)	4050118750430
Qty.	1 items

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## Technical data

## Approvals

ROHS	Conform
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## Dimensions and weights

Net weight	2109.31 g
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## Temperatures

Limit temperature	-40 °C ... 80 °C
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## Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3, 6,6'-di-tert-butyl-2,2'-methylene-di-p-cresol 119-47-1
SCIP	1344e4a2-b558-4ad0-95d1-5c6df3fdd75e

## General Technical Data

Number of poles	6	Pin arrangement	1:1, numbered cores
Nominal voltage	500 V	Nominal current	40 A
Protection degree	IP65		

## Technical Specifications Connector

Connector	Connector description	Connector 1
	Cable entry	straight
	Housing main material	Die-cast zinc
	Series	HQ
	Size	6
	Type	Pin
	Individual components connector	<a href="#">HDC HQM TOLU 1PG21</a> , <a href="#">HDC HQ 4/2 MC</a> , <a href="#">HDC C HX SM2.5AG</a> , <a href="#">HDC-C-HD-SM2.5AG</a> , <a href="#">VG 21 HQ</a> , <a href="#">EMV68 11-15.5</a>
	Connector description	Connector 2
	Cable entry	straight
	Housing main material	Die-cast zinc
	Series	HQ
	Size	6
	Type	Female
	Individual components connector	<a href="#">HDC HQM TOLU 1PG21</a> , <a href="#">HDC HQ 4/2 FC</a> , <a href="#">HDC C HX BM2.5AG</a> , <a href="#">HDC-C-HD-BM2.5AG</a> , <a href="#">VG 21 HQ</a> , <a href="#">EMV68 11-15.5</a>

## Technical specifications for cable

Cable length	5 m	Line type	Helukabel JZ-500-C black 7G2.5 or similar
Sheathing colour	black	Core cross-section	2.5 mm <sup>2</sup>
Number of wires	7	Shielded	Yes
Halogen	Yes	Insulation	PVC
Temperature range, moving, max.	80 °C	Temperature range, moving, min.	-10 °C
Temperature range, stationary, max.	80 °C	Temperature range, stationary, min.	-40 °C
Bending radius, min., moving	10 x cable diameter	Bending radius, min., stationary	5 x cable diameter
Sheath material	PVC	Outside diameter	12.1 mm

Creation date 01.03.2026 03:25:14 MEZ

Catalogue status / Drawings

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### Classifications

ETIM 8.0	EC001576	ETIM 9.0	EC001576
ETIM 10.0	EC001576	ECLASS 14.0	27-06-04-02
ECLASS 15.0	27-06-04-02		