

## CH-HIAA-HIAB-16-0500-AF

**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, LAPP Ölflex Classic 110, Shielded: No
Order No.	<a href="#">2712330500</a>
Type	CH-HIAA-HIAB-16-0500-AF
GTIN (EAN)	4050118751024
Qty.	1 items

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**Technical data**

**Approvals**

ROHS Conform

**Dimensions and weights**

Net weight 2308.67 g

**Temperatures**

Limit temperature -40 °C ... 80 °C

**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

SCIP ef244396-ddde-4d05-9b64-973eef6c7a15

**General Technical Data**

Pin arrangement	1:1, numbered cores	Nominal voltage	500 V
Nominal current	16 A	Protection degree	IP65

**Technical Specifications Connector**

Connector	Connector description	Connector 1
	Cable entry	straight
	Housing main material	Diecast aluminium
	Number of poles	16
	Series	HE
	Size	6
	Type	Pin
	Individual components connector	<a href="#">HDC 16B TOBU 1M25G</a> , <a href="#">HDC HE 16 MP, H1.5/14 R</a> , <a href="#">VGM25-MS68 11-20 BG</a>
	Connector description	Connector 2
	Cable entry	straight
	Housing main material	Diecast aluminium
	Number of poles	16
	Series	HE
	Type	Female
Individual components connector	<a href="#">HDC 16B TOBU 1M25G</a> , <a href="#">HDC HE 16 FP, H1.5/14 R</a> , <a href="#">VGM25-MS68 11-20 BG</a>	

**Technical specifications for cable**

Cable length	5 m	Line type	LAPP Ölflex Classic 110
Sheathing colour	black	Resistance to oils	Yes
Core cross-section	1.5 mm <sup>2</sup>	Number of wires	18
Shielded	No	Halogen	Yes
Insulation	PVC	Temperature range, moving, max.	70 °C
Temperature range, moving, min.	-15 °C	Temperature range, stationary, max.	80 °C
Temperature range, stationary, min.	-40 °C	Bending radius, min., moving	15 x cable diameter
Bending radius, min., stationary	4 x cable diameter	Sheath material	PVC
Outside diameter	14.4 mm		

**Technical data**

**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		