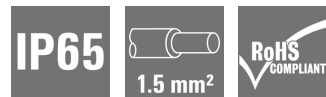


**CH-HIAA-HIAB-16-0500-AF****Weidmüller Interface GmbH & Co. KG**

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, Series: HE, Size: 6, Pin, Socket connector, Lapp ÖLFLEX® CLASSIC 110 BK 18G1.5 or similar, Shielded: No |
| Order No.  | <a href="#">2712330500</a>                                                                                                               |
| Type       | CH-HIAA-HIAB-16-0500-AF                                                                                                                  |
| GTIN (EAN) | 4050118751024                                                                                                                            |
| Qty.       | 1 pc(s).                                                                                                                                 |

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## Technical data

## Dimensions and weights

|            |             |
|------------|-------------|
| Net weight | 2,308.672 g |
|------------|-------------|

## Temperatures

|                   |                  |
|-------------------|------------------|
| Limit temperature | -40 °C ... 80 °C |
|-------------------|------------------|

## Environmental Product Compliance

|            |                                                |
|------------|------------------------------------------------|
| REACH SVHC | Potassium perfluorobutane sulfonate 29420-49-3 |
|------------|------------------------------------------------|

## Technical specifications for cable

|                               |                     |                                  |                     |
|-------------------------------|---------------------|----------------------------------|---------------------|
| Bending radius, min., moving  | 10 x cable diameter | Bending radius, min., stationary | 4 x cable diameter  |
| Cable length                  | 5 m                 | Core cross-section               | 1.5 mm <sup>2</sup> |
| Halogen                       | Yes                 | Insulation                       | PVC                 |
| Number of wires               | 18                  | Outside diameter                 | 14.4 mm             |
| Sheath material               | PVC                 | Sheathing colour                 | black               |
| Shielded                      | No                  | Temperature range, moving        | -15...70 °C         |
| Temperature range, stationary | -40...80 °C         |                                  |                     |

## General technical data

|                   |                       |               |       |
|-------------------|-----------------------|---------------|-------|
| Protection degree | IP65                  | Rated voltage | 500 V |
| Version           | Pin, Socket connector |               |       |

## General Technical Data

|                 |                     |                   |      |
|-----------------|---------------------|-------------------|------|
| Pin arrangement | 1:1, numbered cores | Protection degree | IP65 |
| Rated voltage   | 500 V               |                   |      |

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

## Technical specifications for cable

|                              |                     |
|------------------------------|---------------------|
| Bending radius, min., moving | 10 x cable diameter |
|------------------------------|---------------------|

Creation date April 16, 2021 8:39:18 AM CEST

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data**

|                                     |                                               |         |
|-------------------------------------|-----------------------------------------------|---------|
| Bending radius, min., stationary    | 4 x cable diameter                            |         |
| Cable length                        | 5 m                                           |         |
| Core cross-section                  | 1.5 mm <sup>2</sup>                           |         |
| Halogen                             | Yes                                           |         |
| Insulation                          | PVC                                           |         |
| Line type                           | Lapp ÖLFLEX® CLASSIC 110 BK 18G1.5 or similar |         |
| Number of wires                     | 18                                            |         |
| Outside diameter                    | Diameter                                      | 14.4 mm |
| Outside diameter                    | 14.4 mm                                       |         |
| Sheath material                     | PVC                                           |         |
| Sheathing colour                    | black                                         |         |
| Shielded                            | No                                            |         |
| Temperature range, moving           | -15...70 °C                                   |         |
| Temperature range, moving, max.     | 70 °C                                         |         |
| Temperature range, moving, min.     | -15 °C                                        |         |
| Temperature range, stationary       | -40...80 °C                                   |         |
| Temperature range, stationary, max. | 80 °C                                         |         |
| Temperature range, stationary, min. | -40 °C                                        |         |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001576    | ETIM 7.0    | EC001576    |
| ECLASS 9.0  | 27-06-04-02 | ECLASS 9.1  | 27-06-91-90 |
| ECLASS 10.0 | 27-06-04-02 | ECLASS 11.0 | 27-06-04-02 |

**Approvals**

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

**Downloads**

|                    |                                          |
|--------------------|------------------------------------------|
| Brochure/Catalogue | <a href="#">Catalogues in PDF-format</a> |
|--------------------|------------------------------------------|