

**HDC-C-HD-B-LWL1.0POF****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Fibre optic cables guarantee transmission that is non-interacting and disturbance-free.

The new fibre optic contacts can now also be used in heavy-duty connectors. Their shape corresponds to that of our proven HD contacts, for connecting conventional copper wires. Accordingly, they can be assembled in existing connectors of the HD series, as well as being suitable for use with the ConCept modular system.

It is even possible to connect fibre-optic wires and copper wires in a single connector.

**General ordering data**

Version	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Female, Conductor cross-section, max.: 1, turned, Copper alloy
Order No.	<a href="#">1773640000</a>
Type	HDC-C-HD-B-LWL1.0POF
GTIN (EAN)	4032248142743
Qty.	10 items

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**Technical data****Approvals**

Approvals



ROHS Conform

**Dimensions and weights**

Diameter	3.5 mm	Net weight	0.9 g
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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
SCIP	6eabd5ae-2d6b-409e-8bdf-87c27ee10e40

**General data**

Contact diameter, male Ø	1.6 mm	Stripping length, rated connection	14 mm
Type of connection	Crimp connection	Version insert	HD, HDD, HQ, MixMate
Conductor cross-section, max.	1 mm <sup>2</sup>	Conductor cross-section, min.	1 mm <sup>2</sup>
Surface finish	silver	Plugging cycles	≥ 500
Type	Female	Basic material	Copper alloy
Production methods	turned	Cross-section for connected wire	1 - 1 mm <sup>2</sup>
Material of contact	Copper alloy		

**Classifications**

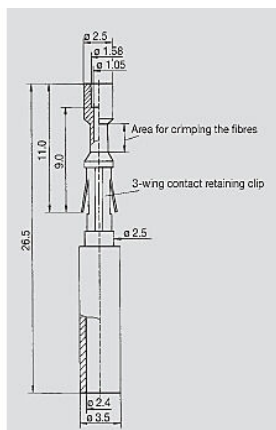
ETIM 8.0	EC000796	ETIM 9.0	EC000796
ETIM 10.0	EC000796	ECLASS 14.0	27-44-02-04
ECLASS 15.0	27-44-02-04		

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# Drawings



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[www.weidmueller.com](http://www.weidmueller.com)
**Accessories**
**Cutting tools**


Cutting tools for conductors up to 8 mm, 12 mm, 14 mm and 22 mm outside diameter. The special blade geometry allows pinch-free cutting of copper and aluminium conductors with minimum physical effort. The cutting tools (KT 8 to KT 22) also come with VDE and GS-tested protective insulation up to 1,000 V in accordance with EN/IEC 60900.

**General ordering data**

Type	KT 8	Version
Order No.	<a href="#">9002650000</a>	Cutting tools, Cutting tool for one-hand operation
GTIN (EAN)	4008190020163	
Qty.	1 ST	

**...for fibre-optic cable with polymer optic fibres (POF)**


Crimping and stripping tools for processing the fibre-optic-cable contacts of polymer optical fibres (POF)

**General ordering data**

Type	PS LWL/POF	Version
Order No.	<a href="#">9020390000</a>	Tools, Polishing wheel
GTIN (EAN)	4032248300570	
Qty.	1 ST	
Type	PB LWL/POF	Version
Order No.	<a href="#">9020400000</a>	Tools, Polishing sheet
GTIN (EAN)	4032248300587	
Qty.	1 ST	
Type	AM LWL/POF	Version
Order No.	<a href="#">9020360000</a>	Tools, Sheathing strippers
GTIN (EAN)	4032248300556	
Qty.	1 ST	
Type	HTX-HDC/POF	Version
Order No.	<a href="#">9010950000</a>	Crimping tool for contacts, 1mm <sup>2</sup> , 1mm <sup>2</sup> , FoderBcrimp
GTIN (EAN)	4032248331543	
Qty.	1 ST	

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Weidmüller offers a variety of crimping tools, contact removal tools, and fibre optic tools.

**General ordering data**

Type	REMOVAL TOOL HD	Version	
Order No.	<a href="#">1866730000</a>	Tools, Contact Removal Tool	
GTIN (EAN)	4032248437054		
Qty.	1 ST		