

# HELUSOL

## Технические характеристики

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Вологда (8172)26-41-59  
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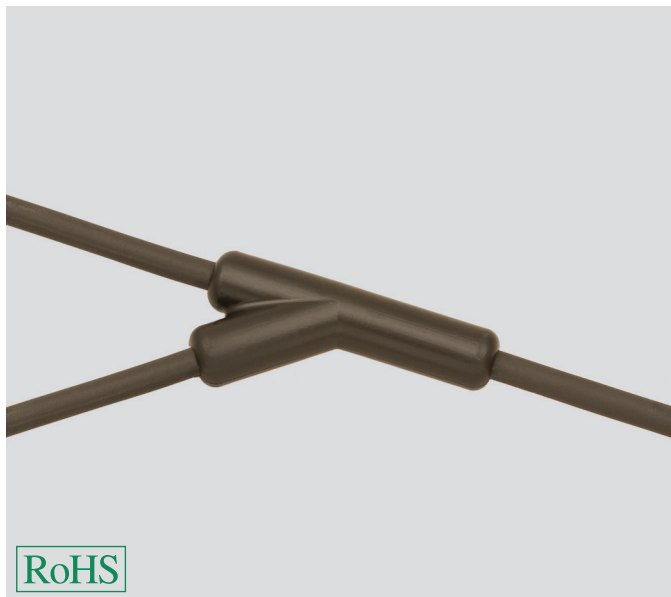
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Оренбург (3532)37-68-04  
Пенза (8412)22-31-16  
Пермь (342)205-81-47  
Ростов-на-Дону (863)308-18-15  
Рязань (4912)46-61-64  
Самара (846)206-03-16  
Санкт-Петербург (812)309-46-40  
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Казахстан (7172)727-132

Смоленск (4812)29-41-54  
Сочи (862)225-72-31  
Ставрополь (8652)20-65-13  
Сургут (3462)77-98-35  
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Тюмень (3452)66-21-18  
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Ярославль (4852)69-52-93

# HELUSOL 101 Y-split

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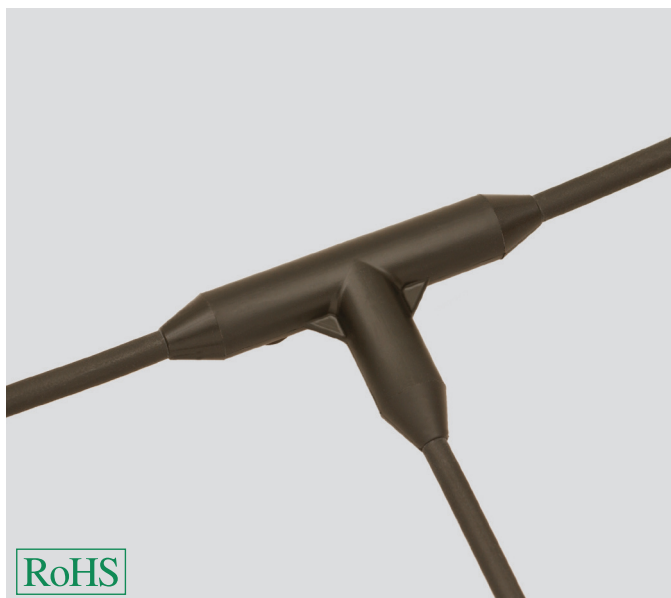


## Technical data:

- Cross section 4 and 6 mm<sup>2</sup>
- Rated voltage 1100 V
- Contact resistance <0.1 mΩ
- Test voltage 12 kV
- Application temperature -40°C up to +85°C
- Application class A acc. to IEC 61730-1
- IP class IP 68
- Protection class II
- Extrusion Hot-melt, low-pressure method
- Material Macromelt OM 648 (black)
- Test specifications acc. to DIN EN 50521

# HELUSOL 102 T-split

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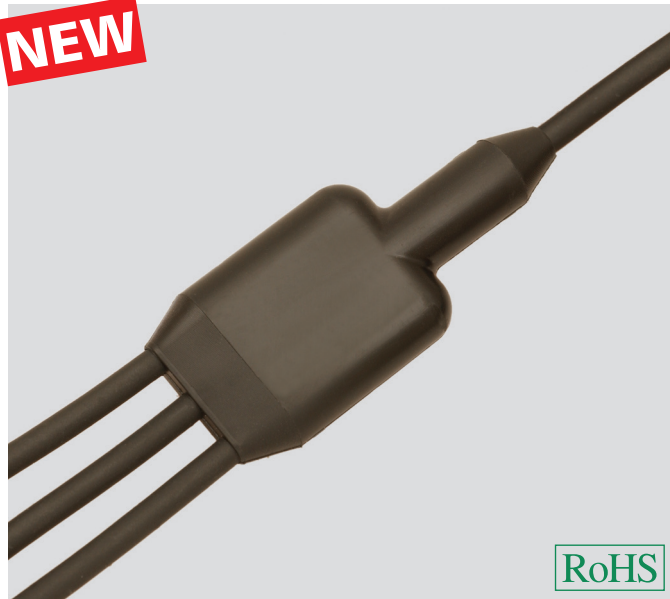


## Technical data:

- Cross section 2.5 to 16 mm<sup>2</sup>
- Rated voltage 1000 V
- Contact resistance <2 mΩ
- Application temperature -40°C up to +140°C
- IP class Corresponds to IP67
- Protection class II (reinforced insulation)
- Extrusion Hot-melt, low-pressure method
- Material Macromelt OM 648 (black)
- UV and weather resistant
- Test specifications EN 60664-1

# HELUSOL 103 E-split

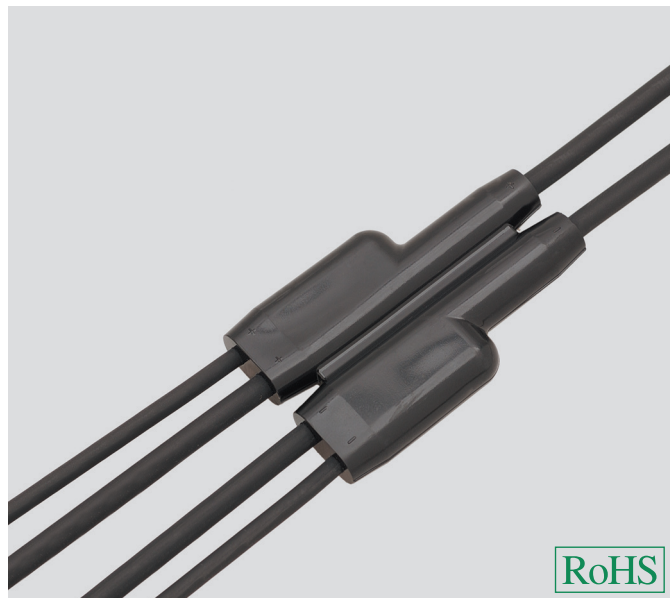
**NEW**



## Technical data:

- Cross section 2.5 to 16 mm<sup>2</sup>
- Rated voltage 1000 V
- Contact resistance <2 mΩ
- Application temperature -40°C up to +140°C
- IP class Corresponds to IP67
- Protection class II (reinforced insulation)
- Extrusion Hot-melt, low-pressure method
- Material Macromelt OM 648 (black)
- UV and weather resistant
- Test specifications EN 60664-1

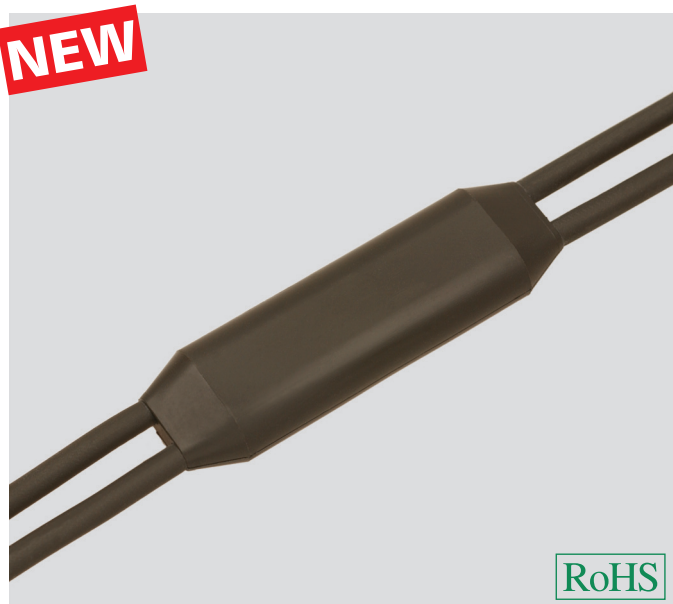
# HELUSOL 106 TWIN-split



## Technical data:

- Cross section 2.5 to 16 mm<sup>2</sup>
- Rated voltage 1000 V
- Contact resistance <2 mΩ
- Application temperature -40°C up to +140°C
- IP class Corresponds to IP67
- Protection class II (reinforced insulation)
- Extrusion Hot-melt, low-pressure method
- Material Macromelt OM 648 (black)
- UV and weather resistant
- Test specifications EN 60664-1

# HELUSOL 103 Duo-split



## Technical data:

- Cross section 2.5 to 16 mm<sup>2</sup>
- Rated voltage 1000 V
- Contact resistance <2 mΩ
- Application temperature -40°C up to +140°C
- IP class Corresponds to IP67
- Protection class II (reinforced insulation)
- Extrusion Hot-melt, low-pressure method
- Material Macromelt OM 648 (black)
- UV and weather resistant
- Test specifications EN 60664-1

# HELUSOL 106 U-split



## Technical data:

- Cross section 2.5 to 16 mm<sup>2</sup>
- Rated voltage 1000 V
- Contact resistance <2 mΩ
- Application temperature -40°C up to +140°C
- IP class Corresponds to IP67
- Protection class II (reinforced insulation)
- Extrusion Hot-melt, low-pressure method
- Material Macromelt OM 648 (black)
- UV and weather resistant
- Test specifications EN 60664-1

# PV wiring fuse/diode

**NEW**



RoHS

## PV wiring fuse

### Technical Data

- Operating current: up to 20 A
- Voltage: 900 V (controlled by fuse)
- Temperature range: -40°C up to +120°C
- Protection classification: equates to IP 67
- Protection type: II
- UV and weather resistant

### Note

- Customer-specific design

## PV wiring diode

### Technical Data

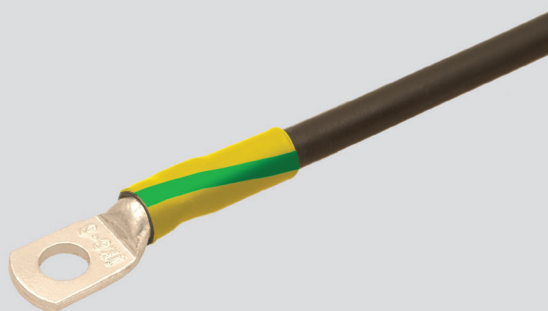
- Operating current: 5 A
- Max. average forward current (R-Load, TA = 50 °C IFAV): 5 A
- Reverse voltage: 50 to 1000 V
- Temperature range: -40°C up to +120°C
- Protection classification: equates to IP 67
- Protection type: II
- UV and weather resistant

### Note

- Customer-specific design

# Pre-assembled potential equalization cable

**NEW**



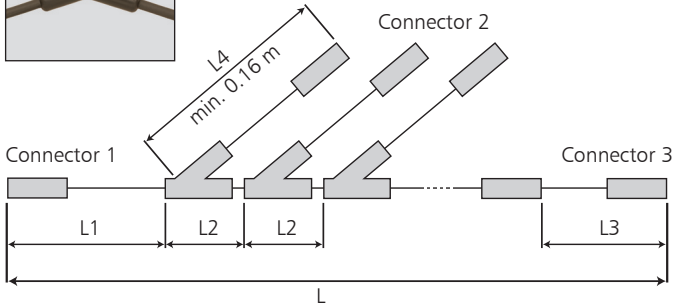
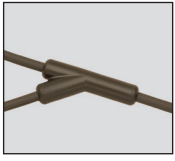
RoHS

We offer customized pre-assembled solutions for our robust and weather resistant SOLARFLEX®-X PV1-F according to your needs.

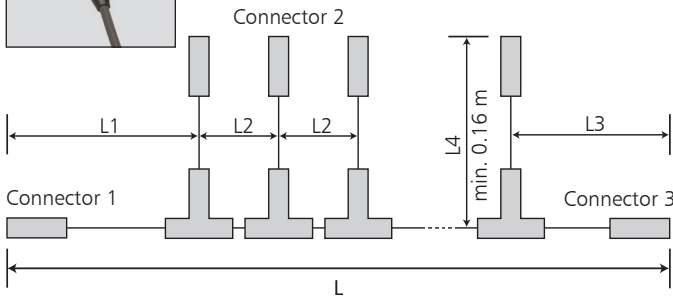
Please tell us your performance requirements.

# FAX enquiry form for pre-assembled chains

## HELUSOL 101 Y-split



## HELUSOL 102 T-split



## Your requirements

Split type (please mark with a cross)

Y-split

T-split

Project name

Quantity

\_\_\_\_\_ pcs.

Cross section

Main line

\_\_\_\_\_ mm<sup>2</sup>

Secondary line

\_\_\_\_\_ mm<sup>2</sup>

Total length L

\_\_\_\_\_ m

Distance between branches L2

\_\_\_\_\_ m

No. of branches

\_\_\_\_\_ pcs.

Distance to 1st branch L1

\_\_\_\_\_ m

Distance from final branch L3

\_\_\_\_\_ m

Length of secondary line L4

\_\_\_\_\_ m

	Connector 1	Connector 2	Connector 3
MC4 2.5-10 mm <sup>2</sup>			
MC3 2.5-6 mm <sup>2</sup>			
HC3 2.5-6 mm <sup>2</sup>			
H4 2.5-10 mm <sup>2</sup>			
Sunclix 2.5-6 mm <sup>2</sup>			

More connectors on request

Please enter: Mc= male connector, Fc= female connector

## Your contact details

Company

first name, last name

Address

Post code, town/city

Phone/Fax

E-mail

Please send us the following catalogues

Cables & Wires

Cable Accessories

Data, Network & Bus Technology

Media Technology

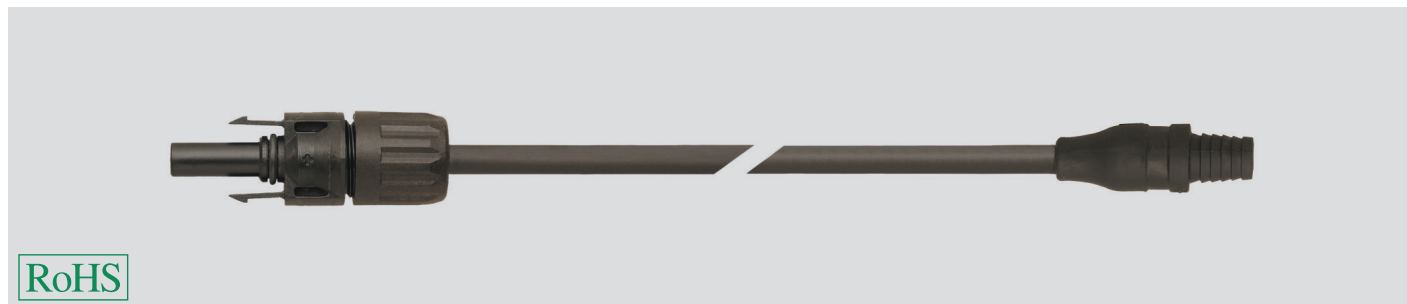
General documentation

We would like

A customer visit

General documentation

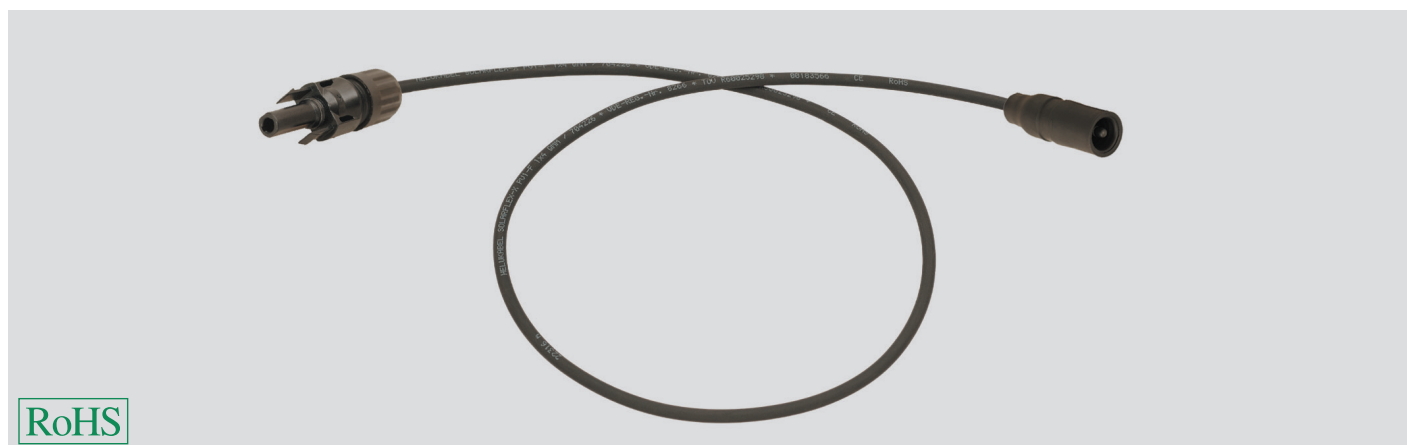
# Individual PV adapter



More combinations on request

E.g. MC4 female connector / MC3 male connector

# PV cable female connector/male connector

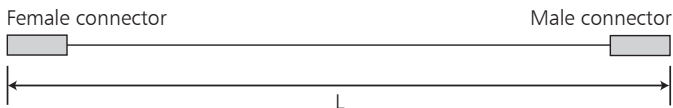
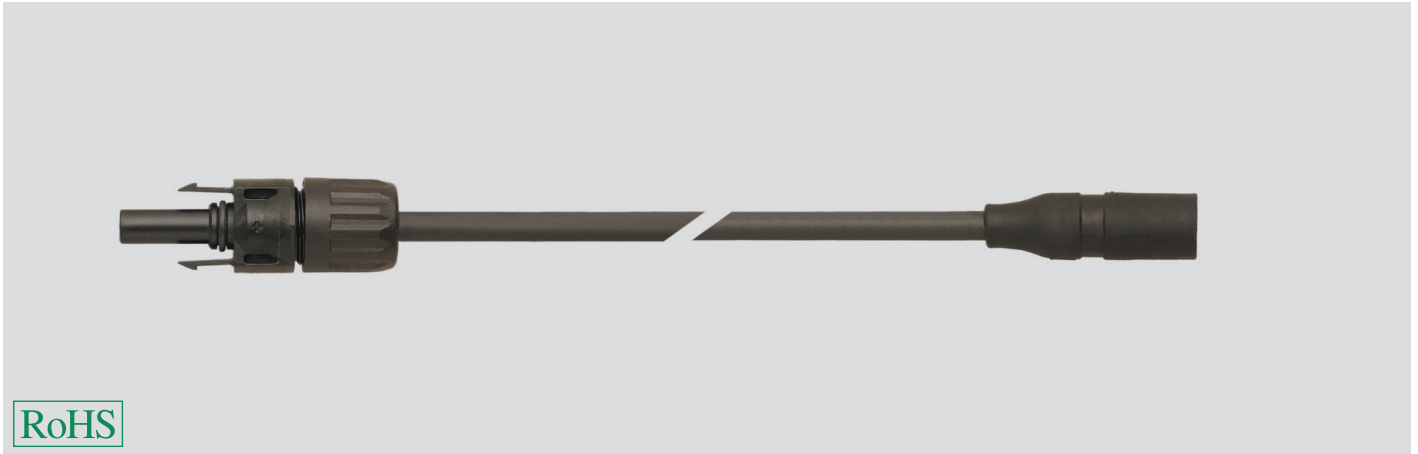


Designation	Side A	Side B	Length
PV cable MC3 Fc/Mc	MC3 female connector	MC3 male connector	On request
PV cable MC4 Fc/Mc	MC4 female connector	MC4 male connector	On request
PV cable HC3 Fc/Mc	HC3 female connector	HC3 male connector	On request
PV cable Tyco Solarlock Fc/Mc	Tyco Solarlock female connector	Tyco Solarlock male connector	On request
PV cable H+S Radox Fc/Mc	H+S Radox female connector	H+S Radox male connector	On request
PV cable Hirschmann SunCon Fc/Mc	Hirschmann SunCon female connector	Hirschmann SunCon male connector	On request
PV cable Yukita Fc/Mc	Yukita female connector	Yukita male connector	On request
PV cable Lumberg-B/S	Lumberg-female connector	Lumberg-male connector	On request
PV cable Phoenix Contact	Phoenix Contact-female connector	Phoenix Contact-male connector	On request
PV cable Amphenol	Amphenol-female connector	Amphenol-male connector	On request
PV cable Eldra	Eldra-female connector	Eldra-male connector	On request
PV cable Wieland	Wieland-female connector	Wieland-male connector	On request

More combinations on request

# FAX enquiry form for PV cables

## Pre-assembled photovoltaic cables



Project name

Quantity \_\_\_\_\_ pcs.

Cross section \_\_\_\_\_ mm<sup>2</sup>

Total length L \_\_\_\_\_ m

	Type of connector
MC4 2.5-10 mm <sup>2</sup>	
MC3 2.5-6 mm <sup>2</sup>	
HC3 2.5-6 mm <sup>2</sup>	
H4 2.5-10 mm <sup>2</sup>	
Sunclix 2.5-6 mm <sup>2</sup>	

More connectors on request

## Your contact details

Company

first name, last name

Address

Post code, town/city

Phone/Fax

E-mail

Please send us the following catalogues

- Cables & Wires
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- Data, Network & Bus Technology
- Media Technology
- General documentation

We would like

- A customer visit
- General documentation



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