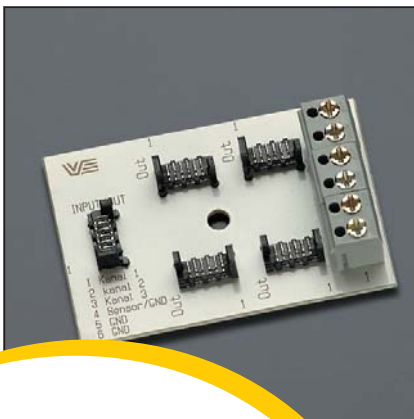




A New Lighting Experience



- simple and flexible installation
- individual assembling



## LED Connecting Technology

- PCB distributors
- Leads, push terminals and mounting
- Connecting cable
- EasyConnect

# LED Connecting Technology

## PCB distributors

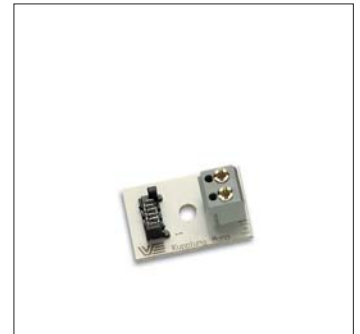
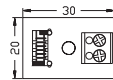
All Vossloh-Schwabe LED system components can be wired up using commercially available six-channel flat-ribbon leads. This enables particularly simple, flexible and cost-effective installation. Users can cut the leads down to size on-site and attach the connectors using the IDC method.

### Coupling Adapter Mono

To connect monochrome light modules to standard installation technology  
Not suitable for connection of modules in RGB systems

Type: WU-VB-KM-1-1

**Ref. No.: 506066**

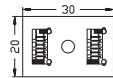


### Coupling Adapters

To extend pre-equipped connection leads

Type: WU-VB-KP-1-1

**Ref. No.: 505217**

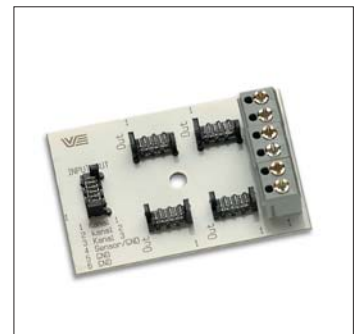
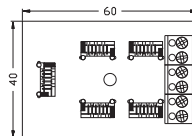


### Distributors

Distributors enable the secondary lead of the control component to be extended (four-ways) to form four leads. In addition, the possibility exists of connecting external components via a further lead using conventional terminal screws.

Type: WU-VB-VT-1-4

**Ref. No.: 504964**

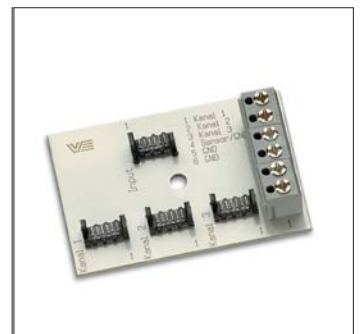
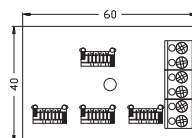


### 3 Channel Splitter

Splitter for operating three single-colour LED modules using a three-channel control component.

Type: WU-VB-SP-1-3

**Ref. No.: 505218**



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# LED Connecting Technology

## Leads, push terminals and mounting

All LED system components from Vossloh-Schwabe can be wired by the use of commercial 6-strand flatband cable. Thus an easy, flexible and economical installation is possible.

The user can cut the leads to length on location and mount push terminals based on IDC technology.

### Flatband Cable

Colour: grey  
 Number of strands: 6  
 Wire according to AWG 28  
 (Strand diameter: 0.09 mm<sup>2</sup>)  
 Load capacity: 1.2 A/strand  
 Width: 7.3 mm, Thickness: 1 mm, Length: 100 m  
 Type: WU-VB-KB-6x28-grau

**Ref. No.: 505222**

Push connector on both sides

**Ref. No.: 507609** length: 60 mm

**Ref. No.: 507610** length: 150 mm

### Push Connectors

Material: PBT GF

The push connector forms a connecting error proof snap in connection between lead and LED system components. The connection with the cable is assured by IDC contacts. As the push connector can be mounted in any part of the lead a very flexible system topology is possible.

Type: WU-VB-BU-6

**Ref. No.: 507051** assembled for customer specified application

**Ref. No.: 505219** not assembled

### LineClip

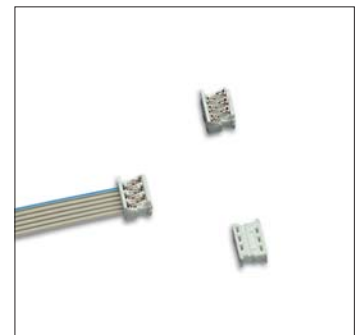
Carrier for line modules

**Ref. No.: 507775**

### Screened flatband cable

Colour: Grey  
 Number of strands: 6  
 Connecting cable: spacing 1.27 mm screened  
 for augmented EMC requirements  
 Length: 100 m

**Ref. No.: 506854**



# LED Connecting Technology

## Connecting cable

All components of the LEDLine SMD series can be connected by the use of VS connecting cables. Thus a most simple, flexible and economical installation is possible.

With the VS distribution circuit board coupler mono modules of the LEDLine SMD series can be wired to all other components of the LED system.

### Connecting cable for LEDLine (SMD)

Colour: white

Number of strands: 2

(Strand diameter: 0.25 mm<sup>2</sup>)

Length: 500 mm

**Ref. No.: 506492**



### Extension cable for LEDLine (SMD)

Colour: white

Number of strands: 2

(Strand diameter: 0.25 mm<sup>2</sup>)

Length: 500 mm

**Ref. No.: 507967**



### Crimping tool

For WU-VB-BU-6

To process and mount flatband cables

**Ref. No.: 506835**



### HighPerformance connection cable

Connection cable for all HighPerformance modules

PVC-free

Colour: black and white

Number of strands: 2

(Strand diameter: 0.25 mm<sup>2</sup>)

Length: 300 mm

Min. bending radius: 12 mm

**Ref. No.: 533318** PCB connector and cable-end sleeve

**Ref. No.: 533366** PCB connector on both ends

Length: 700 mm

**Ref. No.: 534095** PCB connector and cable-end sleeve



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# LED Connecting Technology

## EasyConnect

All components of the EasyLED series can be connected by the use of VS EasyConnect system.

EasyConnect makes it possible to line up the modules without gaps or to line them up in an angled position with cable connectors.

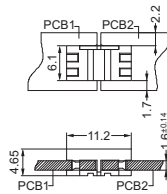
Thanks to the high stability of this connecting technology, the modules can also be inserted into profiles without problems. With this, a simple, cost-effective and solderless assembly is possible.

## EasyConnect

PCB-PCB connector

Max. permissible current: 2 A

Ref. No.: 528491



## EasyConnect Cable

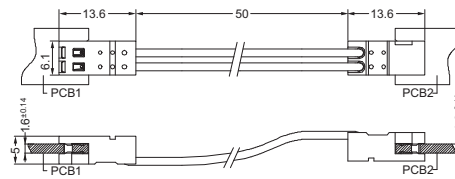
PCB-PCB connector with cable

Max. permissible current: 2 A

Number of strands: 2

(Strand diameter: 0.35 mm<sup>2</sup>/AWG22)

Ref. No.: 528490



## EasyConnect Feed in

Feed in connector for power supply

Colour: - black

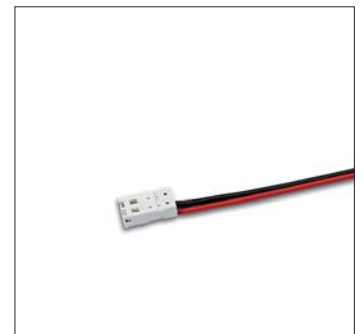
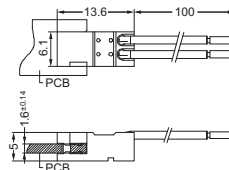
+ red

Max. permissible current: 2 A

Number of strands: 2

(Strand diameter: 0.35 mm<sup>2</sup>/AWG22)

Ref. No.: 528489



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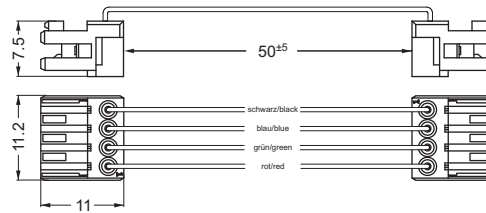
# LED Connecting Technology

## EasyConnect RGB

All components of the EasyLED RGB series can be connected by the use of EasyConnect RGB system. EasyConnect RGB permits flexible, i.e. angled, yet stable connection of modules. The system connector enables easy, cost-effective and solder-free assembly work.

### EasyConnect RGB

PCB-PCB connector with cable  
 Max. permissible current: 1.5 A  
 Number of strands: 4  
 (Strand diameter: 0.205 mm<sup>2</sup>/AWG24)  
 PVC free  
**Ref. No.: 535976**



### EasyConnect RGB Feed in

Feed in connector for power supply  
 Max. permissible current: 1.5 A  
 Number of strands: 4  
 (Strand diameter: 0.205 mm<sup>2</sup>/AWG24)  
 PVC free  
**Ref. No.: 535975**

