

# Patch Cables PROFIBUS high flexible

M12-B 90° (male)



## Type

### Cable

Designation:  
Sheath material:  
Frequency:

## Patch Cable M12W for Profibus RS 485, drag chain

Profibus 1x2x0,64 (strand) drag chain  
PUR  
up to 16 MHz

### Plug

Push-on connector type 1:  
Push-on connector type 2:  
Pin assignment:

M12-Connector bend shielded  
M12-Buchse bend shielded  
B-coded according to DKE/IEC 61076-2-101

### Oil-resistant

Acc. to EN60811-2-1

### Norms and standards

Components of HELUKABEL® CONNECTING SYSTEMS® for applications of Profibus RS 485. Plug according IEC 61076-2-101-A1. Support the EN50170.

### Preferred types

| Part no.      | Sheath colour           | Length<br>in metres | Unit |
|---------------|-------------------------|---------------------|------|
| <b>800818</b> | violet similar RAL 4001 | 0,3                 | 10   |
| <b>800819</b> | violet similar RAL 4001 | 1,0                 | 10   |
| <b>800820</b> | violet similar RAL 4001 | 2,0                 | 10   |
| <b>800821</b> | violet similar RAL 4001 | 3,0                 | 10   |
| <b>800822</b> | violet similar RAL 4001 | 5,0                 | 10   |
| <b>800823</b> | violet similar RAL 4001 | 10,0                | 10   |

Dimensions and specifications may be changed without prior notice.

### Characteristics

- Drag chain suitable
- Bending radius 10 x cable outerdiameter maximum
- Moving speed 200 m/min maximum
- Movement distance 5 m maximum
- Acceleration 5 m/s<sup>2</sup> maximum
- Cycles maximum 5 Mio.
- Temperature range from -25°C to +70°C
- Transmission rate maximum 3,6 re. 12 Mbit/s
- Segment distance maximum 100 m
- PIN 2 (A) = green, PIN 4 (B) = red, screen terminated on the nut and on PIN 5
- Suitable for the „Heavy-Duty“ range

### Options

We also can deliver other cable length, other pin codes or other types of plugs like SUB-D.