

# Patch Cables INDUSTRIAL ETHERNET

## high flexible

M12-X-IP67 180° (male)



Category 6A



### Type

**Patch Cable M12-X coded-IP67 180°, Industrial Ethernet Cat.6A high flexible application**

### Cable

Designation:  
Sheath material:  
Frequency:

SF/FTP 4x2xAWG 26/7 PUR  
PUR  
up to 500 MHz

### Plug

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

M12-Connector bush shielded  
M12-Stecker bush shielded  
HELUKAT® M12 X-coded  
X-coded acc. DKE/IEC 61076-2-109

### Flame proof

acc. to IEC 60332-1-2

### Oil-resistant

Acc. to EN60811-2-1

### Norms and standards

Components of HELUKAT® CONNECTING SYSTEMS® to 500 MHz acc. Category 6A, ISO 11801 (2002), EN 50173-3, IEC61156-1, IEC61156-6, DKE/IEC 61076-2-109 and IEC 61918.

### Preferred types

Part no.	Sheath colour	Length in metres	Unit
<b>806600</b>	green similar RAL 6018	0,5	50
<b>806601</b>	green similar RAL 6018	1,0	50
<b>806602</b>	green similar RAL 6018	2,0	50
<b>806603</b>	green similar RAL 6018	3,0	30
<b>806604</b>	green similar RAL 6018	5,0	30
<b>806605</b>	green similar RAL 6018	10,0	25
<b>806606</b>	green similar RAL 6018	15,0	10
<b>806607</b>	green similar RAL 6018	20,0	5
<b>806608</b>	green similar RAL 6018	25,0	5

Dimensions and specifications may be changed without prior notice.

### Characteristics

Jumper cable for the connection between IP67 protected ethernet applications according ISO/IEC 11801 with M12-X coded plugs. Usable for permanent moving applications. The special plastic compound which is used for this plug series is good resistant against chemical and oil. Connected to special applications an individual evaluation from our consultants should be done.

- Drag chain suitable
- Bending radius 15 x cable outerdiameter maximum
- Moving speed 180 m/min maximum
- Movement distance 4,5 m maximum
- Acceleration 3 m/s<sup>2</sup> maximum
- Cycles maximum 2 Mio.
- Temperature range from -10°C to +70°C
- Transmission rate maximum 10 Gbit/s (length limited)
- Suitable for the „Heavy-Duty“ range.

### Options

We also can deliver other cable length, cross-over cables or other types of plugs.