

Patch Cables INDUSTRIAL ETHERNET

high flexible

M12-X-IP67 90° (male)



Category 6A



Type

Patch Cable M12-X coded-IP67 90°, 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 bend shielded
M12-Stecker bend 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
806609	green similar RAL 6018	0,5	50
806610	green similar RAL 6018	1,0	50
806611	green similar RAL 6018	2,0	50
806612	green similar RAL 6018	3,0	30
806613	green similar RAL 6018	5,0	30
806614	green similar RAL 6018	10,0	25
806615	green similar RAL 6018	15,0	10
806616	green similar RAL 6018	20,0	5
806617	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/s² 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.