Patch Cables PROFInet C (PVC)

RJ45-IP20 180°

Category 5e

Type	**Patch Cable RJ45-IP20 180°, PROFInet C high flexible application**

Cable

Designation:	PROFInet type C (SK)
Sheath material:	PVC
Frequency:	up to 100 MHz

Plug

Push-on connector type 1:	RJ45-connector IP20
Push-on connector type 2:	RJ45-connector IP20
System type:	HELUKAT® RJ45 Cat.5e
Pin assignment:	1:1 acc. to TIA/EIA 568 B

Flame proof

acc. to IEC 60332-3

Oil-resistant

Acc. to EN60811-2-1

Norms and standards

Components of HELUKAT CONNECTING SYSTEMS® to 100 MHz acc. Category 5, ISO 11801 (2002), EN 50173-3, IEC61156-1, IEC61156-6, EIA/TIA 568 B and IEC 61918. Support the PROFInet guideline V4.0 (2017).

Preferred types

Part no.	Sheath colour	Length in metres	Unit
806417	green similar RAL 6018	0,5	50
806418	green similar RAL 6018	1,0	50
806419	green similar RAL 6018	2,0	50
806420	green similar RAL 6018	3,0	30
806421	green similar RAL 6018	5,0	30
806422	green similar RAL 6018	10,0	25
806423	green similar RAL 6018	15,0	10
806424	green similar RAL 6018	25,0	5

Dimensions and specifications may be changed without prior notice.

Characteristics

Jumper cable for the connection between IP20 protected ethernet applications according ISO/IEC 11801 with RJ45 plugs. Usable for permanent flexible 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 7,5 x cable outerdiameter maximum
- Moving speed 240 m/min maximum
- Movement distance 10 m maximum
- Accelaration 4 m/s² maximum
- Cycles maximum 1 Mio.
- Temperature range from -20°C to +75°C
- Transmission rate maximum 100 Mbit/s
- Transmission distance maximum 85 m from the Hub to the receiver
- Suitable for the „Light-Duty" range.

Options

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