

Patch Cables PROFinet C (PVC)

RJ45-IP20 180° to M12-D-IP67 180° (male)



Category 5e



Type

Patch Cable RJ45-IP20 180°/ M12-D-IP67 180°, PROFinet C high flexible application

Cable

Designation:
Sheath material:
Frequency:

PROFinet type C (SK)
PVC
up to 100 MHz

Plug

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

RJ45-connector IP20
M12-Stecker bush shielded
HELUKAT® RJ45/ M12 D-coded
1:1 acc. TIA/EIA 568 B resp. D-coded acc. DKE/IEC 61076-2-101

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, DKE/IEC 61076-2-101 and IEC 61918. Support the PROFinet guideline V4.0 (2017).

Preferred types

Part no.	Sheath colour	Length in metres	Unit
11007406	green similar RAL 6018	0,5	50
11007407	green similar RAL 6018	1,0	50
11007408	green similar RAL 6018	2,0	50
11007409	green similar RAL 6018	3,0	30
11007410	green similar RAL 6018	5,0	30
11007411	green similar RAL 6018	10,0	25
11007412	green similar RAL 6018	15,0	10
11007413	green similar RAL 6018	25,0	5

Dimensions and specifications may be changed without prior notice.

Characteristics

Jumper cable for the connection between IP20 and IP67 protected ethernet applications according ISO/IEC 11801 with RJ45 and M12 kodiert 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
- Acceleration 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 to Heavy-Duty“ range.

Options

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