

PUR insulated cable

S07BQ-F



Application: In dry and wet environments as well as temporary outdoors under medium mechanical stress. For connection of electrical tools on building sites or in cold environments. The cable is highly oil-, abrasion- and impact resistant.

Construction and technical data:

Conductor - acc. to EN60228

Insulation - acc. to EN 50363-1

Inner Sheath - thickness 1.7 mm

Outer sheath - TPU - acc. to EN 50363-10-2

Standard: DIN EN 50525-2-21 (VDE 0285-525-2-21)

Conductor material: copper, bare

Conductor construction: Class 5 = flexible

Insulation: rubber EI7

Material inner sheath: elastomer

Sheathing material: polyurethan

Colour of outer sheath: black

Flame-retardant: EN 60332-1-2

UV-resistant: yes

Max. temperature at conductor, °C: 90 °C

Max. short circuit temperature at conductor, 250 °C

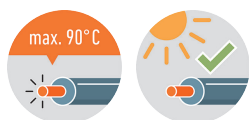
°C:

Permitted outer cable temperature, fixed, °C: -40 - +80 °C

Permitted outer cable temperature, moved, °C: -25 - +80 °C

Bending radius, fixed installation: 4 x Ø

Bending radius, moving application: 12 x Ø



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

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Nominal voltage Uo:	450 V
Nominal voltage U:	750 V
Test voltage:	2 kV
Core identification:	green-yellow + numbers

part no.	part name	DI [mm]	RI [Ohm/km]	Wi [mm]	Ibl [A]	Wm [mm]	Ø [mm]	Cu	G [kg]
053444	S07BQ-F 36G2.5 UV-Bestaendig BK	0.26	7.98	0.9	27	2.6	41.8	864	1800

DI	diameter conductor
RI	Conductor resistance
Wi	Insulation wall thickness
Ibl	Ampacity in air (30 °C)
Wm	Wall thickness of sheath
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000