

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:

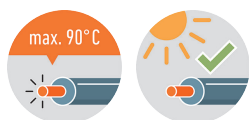
Conductor - acc. to EN60228

Insulation - acc. to EN 50363-1

Inner Sheath - thickness 1.7 mm

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

Standard:	EN 50525-2-21
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, °C:	250 °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 U_o: 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]	I _{bl} [A]	W _m [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

I_{bl} | Ampacity in air (30 °C)

W_m | Wall thickness of sheath

Ø | outer diameter approx.

Cu | Copper weight (GER)

G | net weight per 1000