

# Heat-resistant rubber cable

## H07BN4-F



**Application:** For installation in dry and wet rooms as well as outdoors at medium mechanical stress. For fixed and flexible connection of electrical tools and appliances. Also suitable for application in wind power generators at medium mechanical stress.

### Construction and technical data:

<b>Standard:</b>	DIN EN 50525-2-21 (VDE 0285-525-2-21)
<b>Conductor material:</b>	copper, bare
<b>Conductor construction:</b>	Class 5 = flexible
<b>Insulation:</b>	rubber EI7
<b>Material inner sheath:</b>	rubber
<b>Sheathing material:</b>	rubber EM7
<b>Flame-retardant:</b>	VDE 0482-332-1-2/IEC 60332-1-2
<b>UV-resistant:</b>	yes
<b>Oil-resistant:</b>	EN 60811-2-1
<b>Ozone-resistant:</b>	DIN EN 60811-2-1(A)
<b>For outdoor use:</b>	yes
<b>Max. temperature at conductor, °C:</b>	90 °C
<b>Max. short circuit temperature at conductor, °C:</b>	250 °C
<b>Permitted outer cable temperature, fixed, °C:</b>	-20 - +75 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-20 - +75 °C



*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.*

### H07BN4-F

<b>Nominal voltage U<sub>o</sub>:</b>	450 V
<b>Nominal voltage U:</b>	750 V

part no.	part name	RI [Ohm/km]	I <sub>bl</sub> [A]	Ø [mm]	Cu	G [kg]
050819	5G25 BK	0.78	108	37.1	1200	2070
053089	36G2.5 BK	7.89	26	41.8	864	2284

RI	Conductor resistance
I <sub>bl</sub>	Ampacity in air (30 °C)
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000