

Rubber insulated cable

H05RN-F



Application: For the connection of electrical appliances (vacuum cleaners, kitchen appliances, soldering iron etc.) with low mechanical stress in household, kitchen, office. Not for permanent outdoor use.

Construction and technical data:

Standard:	DIN EN 50525-2-21 (VDE 0285-525-2-21)
Conductor material:	copper, bare
Conductor construction:	Class 5 = flexible
Insulation:	rubber (EPR) EI4
Sheathing material:	rubber (CR) EM2
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Max. temperature at conductor, °C:	60 °C
Permitted outer cable temperature, fixed, °C:	-25 - +60 °C
Bending radius, fixed installation:	3 x Ø
Bending radius, moving application:	4 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 U₀:	300 V
Nominal voltage U:	500 V
Core identification:	colours acc. to VDE 0293 (HD308)

part no.	part name		RI [Ohm/km]	Ø [mm]	Cu	G [kg]
050168	02X0.75 BK	RF	26	6.2	14.4	60
050167	02X1 BK	RF	19.5	6.8	19	70
050166	03G0.75 BK	RF	26	6.6	21.6	80
050169	03G1 BK	RF	19.5	7.2	29	90
051065	04X0.75 BK	RF	26	8.8	29	76
051066	04G0.75 BK	RF	26	8.8	29	76

RI	Conductor resistance
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000