

# Flexible FRNC cable

## H05Z1Z1-F



**Application:** For connecting of electrical appliances under low mechanical stress in household, kitchen and office.

### Construction and technical data:

<b>CPR-classification according to EN 50575:</b>	Eca
<b>Standard:</b>	DIN EN 50525-3-11 (VDE 0285-525-3-11)
<b>Conductor material:</b>	copper, bare
<b>Conductor construction:</b>	Class 5 = flexible
<b>Insulation:</b>	FRNC compound TI6
<b>Sheathing material:</b>	FRNC-compound TM7
<b>Flame-retardant:</b>	VDE 0482-332-1-2/IEC 60332-1-2
<b>Halogen-free:</b>	DIN EN 50267/IEC 60754
<b>Max. temperature at conductor, °C:</b>	70 °C
<b>Permitted outer cable temperature, fixed, °C:</b>	-40 - +70 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-5 - +70 °C
<b>Min. bending radius, fixed installation:</b>	3 x Ø
<b>Bending radius, moving application:</b>	5 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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<b>Nominal voltage U<sub>0</sub>:</b>	300 V
<b>Nominal voltage U:</b>	500 V
<b>Test voltage:</b>	2 kV
<b>Core identification:</b>	colours acc. to VDE 0293 (HD308)

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
036698	2X0.75 WH	26	6.2	14.4	52
035101	3G0.75 WH	26	6.6	22	68
035124	3G0.75 BK	26	6.6	22	68
036622	5G0.75 WH	26	8.3	36	92

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
036623	3G1 WH	19.5	7.1	29	71
035831	3G1 BK	19.5	6.9	29	81
036624	5G1 WH	19.5	8.4	48	107
036700	2X1.5 WH	13.3	7.3	29	90
035198	3G1.5 WH	13.3	8.1	43.2	102
035304	3G1.5 BK	13.3	8.1	43.2	109
036625	5G1.5 WH	13.3	10	72	160
035102	3G2.5 WH	7.98	10.1	72	172
035103	3G2.5 BK	7.98	10.1	72	172
035819	5G2.5 WH	7.98	12.3	120	260

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