

FRNC wire

H07Z-R



Application: For installation in tubes and ducts on and under plaster, for the internal wiring of electrical appliances, switching and distribution tools, as well as in busses and railborn vehicles.

Construction and technical data:

Standard:	DIN EN 50525-3-41 (VDE 0285-525-3-41)
Conductor material:	copper, bare
Conductor construction:	Class 2 = stranded
Insulation:	polyolefin EI5, halogen-free, cross-linked
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Smoke density:	DIN EN 61034/IEC 61034
Halogen-free:	DIN EN 50267/IEC 60754
Max. temperature at conductor, °C:	90 °C
Permitted outer cable temperature, fixed, °C:	5 - 70 °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.

H07Z-R

Nominal voltage U₀:	450 V
Nominal voltage U:	750 V
Test voltage:	2.5 kV

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
040957	1X1.5 BU	12.1	3	14.4	21
040913	1X25 GN-YE	0.727	8.9	240	285
040914	1X35 GN-YE	0.524	10.1	336	380
040916	1X70 GN-YE	0.268	13.6	672	715
040917	1X95 GN-YE	0.193	15.9	912	990
041024	1X120 GN-YE	0.153	17.5	1152	1230
040918	1X150 GN-YE	0.124	19.4	1440	1510
040948	1X185 GN-YE	0.0991	21.7	1776	1900
040919	1X240 GN-YE	0.0754	24.5	2304	2490

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
040920	1X300 GN-YE	0.0601	27.5	2880	3050

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