Flat building wire
NYIF-J

Application: For fixed installation in dry rooms, on and under plaster. Without plaster sheet in cavities of ceilings and walls of not combustible building materials.

Construction and technical data:

CPR-classification according to EN 50575:	Fca
Standard:	VDE 0250-201
Conductor material:	copper, bare
Conductor construction:	class 1, up from 16 sqmm class 2
Insulation:	PVC TI1
Sheathing material:	cross-linked rubber blend
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Max. temperature at conductor, °C:	70 °C
Permitted outer cable temperature, fixed, °C:	70 °C
Permitted outer cable temperature, moved, °C:	5 - 60 °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.

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Nominal voltage Uo:	230 V
Nominal voltage U:	400 V
Test voltage:	2 kV
Protective conductor:	yes
Core identification:	colours acc. to VDE 0293 (HD308)

part no.	part name		RI [Ohm/km]	Ibl [A]	w [mm]	h [mm]	Cu	G [kg]
020289	3X1.5 NC	RE	12.1	14	19	4.4	43	115
020292	4X1.5 NC	RE	12.1	14	26	4.4	58	160
020288	5X1.5 NC	RE	12.1	14	33	4.4	72	205
020291	3X2.5 NC	RE	7.41	18	21.5	5.2	72	160
020290	5X2.5 NC	RE	7.41	18	37	5.2	120	260

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Rl	Conductor resistance
Ibl	Ampacity in air (30 °C)
w	Width
h	Height
Cu	Copper weight (GER)
G	net weight per 1000

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