

Technical attributes

Standards	DIN VDE 0282-4, EN 50525-2-21
Conductor material	Cu, bare
Conductor type	flexible
Conductor standard	DIN VDE 0295/IEC 60228
Conductor category	5
Core insulation	EPR
Core colours	HD 308: 1-core: black; 2-5 cores: colour-coded, with/without GN/YE-protection conductor; ≥ 6 cores: black, number-coded, with/without GN/YE-protection conductor
Outer sheath	Elastomer compound
Outer sheath colour	black
Temperature range min. (without mechanical stress)	-40 °C
Temperature range max.	+60 °C
Temperature range min., fixed installation	-25 °C
Operating temperature at conductor max.	+60 the cable can be used up to 85 °C for fixed and protected installation °C
Short circuit temperature at conductor max.	200 °C
Nominal voltage U ₀ /U	450/750 V
Test voltage	2500 V
Minimum bending radius, mobile operation	6 x cable Ø
Minimum bending radius, fixed installation	4 x cable Ø
Tensile load max., mobile operation	15 N/mm ²
Tensile load max., fixed installation	50 N/mm ²
RoHS-compliant	yes

Description

For use as a rubber insulated cable for medium mechanical stress in dry, damp rooms, outdoors as well as in agricultural and in hazardous establishments. Suitable for use in power tools, hot plates, kettles, agricultural devices. A protected application is permitted at up to 1000 V AC at fixed installations in pipelines or in devices as well as for motor connections. Not suitable for the unprotected direct laying in the ground!

Note

Industrial rubber-cable

- oil-resistant HD/EN/IEC 60811-2-1, DIN VDE 0473-811-2-1
- flame-retardant IEC/EN 60332-1-2

Produktname	Gewicht/1000m ca. [kg]	Metallgewicht Cu [kg]	Durchmesser ca. [mm]	Mantelfarbe
H07RN-F 3 G 1,5	150,00	43,00	10,00	schwarz
H07RN-F 4 G 1,5	190,00	58,00	11,50	schwarz
H07RN-F 5 G 1,5	230,00	72,00	12,50	schwarz
H07RN-F 1 x 2,5	72,00	24,00	7,00	schwarz
H07RN-F 2 x 2,5	177,00	48,00	11,50	schwarz
H07RN-F 3 G 2,5	217,00	72,00	12,50	schwarz
H07RN-F 4 G 2,5	269,00	96,00	14,00	schwarz
H07RN-F 5 G 2,5	329,00	120,00	15,00	schwarz
H07RN-F 1 x 4	99,00	38,00	8,00	schwarz
H07RN-F 2 x 4	240,00	77,00	12,70	schwarz
H07RN-F 3 G 4	298,00	115,00	14,00	schwarz
H07RN-F 4 G 4	373,00	154,00	15,50	schwarz
H07RN-F 5 G 4	466,00	192,00	17,00	schwarz
H07RN-F 5 G 4 ge	466,00	192,00	17,00	gelb
H07RN-F 1 x 6	129,00	58,00	9,00	schwarz
H07RN-F 2 x 6	290,00	115,00	14,50	schwarz
H07RN-F 3 G 6	387,00	173,00	15,00	schwarz
H07RN-F 4 G 6	514,00	230,00	17,50	schwarz
H07RN-F 5 G 6	640,00	288,00	19,50	schwarz
H07RN-F 1 x 10	200,00	96,00	11,10	schwarz
H07RN-F 3 G 10	716,00	288,00	21,00	schwarz
H07RN-F 4 G 10	898,00	384,00	23,00	schwarz
H07RN-F 5 G 10	1107,00	480,00	26,00	schwarz
H07RN-F 1 x 16	278,00	154,00	12,50	schwarz
H07RN-F 3 G 16	1008,00	461,00	24,50	schwarz
H07RN-F 4 G 16	1253,00	614,00	28,00	schwarz
H07RN-F 5 G 16	1564,00	768,00	30,50	schwarz
H07RN-F 1 x 25	396,00	240,00	14,00	schwarz
H07RN-F 3 G 25	1451,00	720,00	28,50	schwarz
H07RN-F 4 G 25	1846,00	960,00	32,50	schwarz
H07RN-F 5 G 25	2291,00	1200,00	36,00	schwarz
H07RN-F 1 x 35	520,00	336,00	16,00	schwarz
H07RN-F 3 G 35	1901,00	1008,00	32,00	schwarz

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H07RN-F 4 G 35	2393,00	1344,00	37,50	schwarz
A07RN-F 5 G 35	2640,00	1680,00	42,70	schwarz
H07RN-F 1 x 50	719,00	480,00	18,50	schwarz
H07RN-F 3 G 50	2580,00	1440,00	37,00	schwarz
H07RN-F 4 G 50	3284,00	1920,00	43,00	schwarz
A07RN-F 5 G 50	3700,00	2400,00	49,00	schwarz
H07RN-F 1 x 70	947,00	672,00	21,00	schwarz
H07RN-F 3 G 70	3386,00	2016,00	41,50	schwarz
H07RN-F 4 G 70	4331,00	2688,00	48,00	schwarz
A07RN-F 5 G 70	5166,00	3360,00	51,00	schwarz
H07RN-F 1 x 95	1230,00	912,00	23,50	schwarz
H07RN-F 3 G 95	4400,00	2736,00	49,00	schwarz
H07RN-F 4 G 95	5712,00	3648,00	55,00	schwarz
A07RN-F 5 G 95	5712,00	4560,00	55,00	schwarz
H07RN-F 1 x 120	1520,00	1152,00	27,00	schwarz
H07RN-F 4 G 120	6828,00	4608,00	58,00	schwarz
A07RN-F 5 G 120	8051,00	5760,00	62,00	schwarz
H07RN-F 1 x 150	1887,00	1440,00	29,00	schwarz
H07RN-F 4 G 150	8319,00	5760,00	65,00	schwarz
H07RN-F 1 x 185	2274,00	1776,00	30,00	schwarz
H07RN-F 4 G 185	10062,00	7104,00	69,50	schwarz
H07RN-F 1 x 240	2955,00	2304,00	32,50	schwarz
H07RN-F 1 x 300	3585,00	2880,00	37,00	schwarz
H07RN-F 1 x 400	4600,00	3840,00	42,50	schwarz
A07RN-F 1 x 500	5550,00	4800,00	46,70	schwarz