



Rubber-insulated cables - H07RN-F
Industrial rubber-cable



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
Inner sheath	Polychloroprene or elastomer
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

Product table

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01904001	H07RN-F 2 x 1	89,00	19,20	8,50	black
01904002	H07RN-F 3 G 1	107,00	29,00	9,00	black



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01904003	H07RN-F 4 G 1	131	38,00	9,50	black
01904004	H07RN-F 5 G 1	159	48,00	12,00	black
01904005	H07RN-F 1 x 1,5	49	14,40	6,50	black
01904006	H07RN-F 2 x 1,5	116	29,00	10,00	black
01904008	H07RN-F 3 G 1,5	134,00	43,00	10,00	black
01904009	H07RN-F 4 G 1,5	165,00	58,00	11,50	black
01904010	H07RN-F 5 G 1,5	206	72,00	12,50	black
01905003	H07RN-F 7 G 1,5	327,00	101,00	16,50	black
01905004	H07RN-F 12 G 1,5	484,00	173,00	19,70	black
01904085	H07RN-F 36 G 1,5	1233,00	518,00	30,00	black
01904011	H07RN-F 1 x 2,5	65	24,00	7,00	black
01904012	H07RN-F 2 x 2,5	167	48,00	11,50	black
01904013	H07RN-F 3 G 2,5	195,00	72,00	12,50	black
01904014	H07RN-F 4 G 2,5	245,00	96,00	14,00	black
01904015	H07RN-F 5 G 2,5	297,00	120,00	15,00	black
01905014	H07RN-F 7 G 2,5	471,00	168,00	18,00	black
01904087	H07RN-F 10 G 2,5	240,00	240,00	21,5	black
01905018	H07RN-F 12 G 2,5	708,00	288,00	22,80	black
01905019	H07RN-F 19 G 2,5	1062,00	456,00	26,90	black
01904016	H07RN-F 1 x 4	89	38,00	8,00	black
01904017	H07RN-F 2 x 4	235	77,00	12,70	black
01904020	H07RN-F 3 G 4	292	115,00	14,00	black
01904021	H07RN-F 4 G 4	340	154,00	15,50	black
01904022	H07RN-F 5 G 4	426	192,00	17,00	black
01904079	H07RN-F 5 G 4 ye	426	192,00	17,00	yellow
01904023	H07RN-F 1 x 6	109,00	58,00	9,00	black
01904024	H07RN-F 2 x 6	279,00	115,00	14,50	black
01904025	H07RN-F 3 G 6	346,00	173,00	15,00	black
01904026	H07RN-F 4 G 6	443,00	230,00	17,50	black
01904027	H07RN-F 5 G 6	557,00	288,00	19,50	black
01904028	H07RN-F 1 x 10	178	96,00	11,10	black
01904029	H07RN-F 3 G 10	663,00	288,00	21,00	black
01904030	H07RN-F 4 G 10	818,00	384,00	23,00	black



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01904031	H07RN-F 5 G 10	1001.00	480,00	26,00	black
01904032	H07RN-F 1 x 16	248	154,00	12,50	black
01904088	H07RN-F 2 x 16	722	307,00	22,0	black
01904033	H07RN-F 3 G 16	924.00	461,00	24,50	black
01904034	H07RN-F 4 G 16	1150.00	614,00	28,00	black
01904035	H07RN-F 5 G 16	1430.00	768,00	30,50	black
01904036	H07RN-F 1 x 25	356	240,00	14,00	black
01904037	H07RN-F 3 G 25	1345.00	720,00	28,50	black
01904038	H07RN-F 4 G 25	1700.00	960,00	32,50	black
01904039	H07RN-F 5 G 25	1998	1200,00	36,00	black
01904040	H07RN-F 1 x 35	485	336,00	16,00	black
01904041	H07RN-F 3 G 35	1726	1008,00	32,00	black
01904042	H07RN-F 4 G 35	2107	1344,00	37,50	black
01904043	H07RN-F 5 G 35	2617	1680,00	42,70	black
01904044	H07RN-F 1 x 50	657	480,00	18,50	black
01904045	H07RN-F 3 G 50	2390.00	1440,00	37,00	black
01904046	H07RN-F 4 G 50	2950.00	1920,00	43,00	black
01904047	H07RN-F 5 G 50	3030.00	2400,00	49,00	black
01904048	H07RN-F 1 x 70	884	672,00	21,00	black
01904049	H07RN-F 3 G 70	3110.00	2016,00	41,50	black
01904050	H07RN-F 4 G 70	3990.00	2688,00	48,00	black
01904051	H07RN-F 5 G 70	5031	3360,00	51,00	black
01904052	H07RN-F 1 x 95	1156	912,00	23,50	black
01904053	H07RN-F 3 G 95	4170.00	2736,00	49,00	black
01904054	H07RN-F 4 G 95	5360.00	3648,00	55,00	black
01904055	H07RN-F 5 G 95	6726	4560,00	55,00	black
01904056	H07RN-F 1 x 120	1420	1152,00	27,00	black
01904057	H07RN-F 3 G 120	5080	3456,00	53,50	black
01904058	H07RN-F 4 G 120	6440	4608,00	58,00	black
01904080	A07RN-F 5 G 120	8051,00	5760,00	62,00	black
01904059	H07RN-F 1 x 150	1740.00	1440,00	29,00	black
01904060	H07RN-F 4 G 150	7990.00	5760,00	65,00	black
01904061	H07RN-F 1 x 185	2145	1776,00	30,00	black



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01904062	H07RN-F 4 G 185	9910.00	7104,00	69,50	black
01904063	H07RN-F 1 x 240	2720	2304,00	32,50	black
01904064	H07RN-F 4 G 240	12838	9216,00	82,6	black
01904065	H07RN-F 1 x 300	3385	2880,00	37,00	black
01904067	H07RN-F 1 x 400	4196	3840,00	42,50	black
01904068	A07RN-F 1 x 500	5431	4800,00	46,70	black

