



conductor material: bare copper
conductor construction: fine stranded, class 5
insulation: rubber compound EI4 or others
sheathing material: rubber compound EM2 or others
flame retardant: VDE 0482-332-1-2/IEC 60332-1

max. temperature at conductor: standard +60°C (mostly 80°C)
max. operating temperature, fixed: -25 bis +60°C (mostly 80°C)
temperature, moved/during installation: -25 bis +60°C (mostly 80°C)

nominal voltage U₀: 450 V
nominal voltage U: 750 V
test voltage: 2,5 kV
core identification: colours acc. VDE 0293 (HD 308);
 more than 5 cores: gn-ye + numbers

Application: For use at medium mechanical stress in dry, wet and damp locations, as well as in free air. Also for fixed installation on plaster or machines.

There are many producers for this type of cable. Each producer has its own data specification, which includes more details and information, particularly with regards to special features exceeding standard specification defined by VDE 0282 part 4 / HD 22.4. If necessary please ask for it.

minimal permitted bending radii

installation	< 8mm	8-12 mm	12-20 mm	more than 20 mm
fixed installation	3D	3D	4D	4D
free movement	3D	4D	5D	5D
cable entry	3D	4D	5D	5D

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.



SPEZIALKABEL / SPEZIALLEITUNGEN

H07RN-F

Rubber insulated cable

acc. to VDE 0282-4

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
46010015	H07RN-F 1 x 1,5	5,9	14,4	50
46010025	H07RN-F 1 x 2,5	6,6	24,0	80
46010040	H07RN-F 1 x 4	7,4	38,0	100
46010060	H07RN-F 1 x 6	8,1	58,0	130
46010100	H07RN-F 1 x 10	9,7	96,0	220
46010160	H07RN-F 1 x 16	11	154,0	280
46010250	H07RN-F 1 x 25	12,9	240,0	400
46010350	H07RN-F 1 x 35	14,6	336,0	520
46010500	H07RN-F 1 x 50	16,8	480,0	720
46010700	H07RN-F 1 x 70	18,9	672,0	940
46010950	H07RN-F 1 x 95	21,1	912,0	1220
46011200	H07RN-F 1 x 120	23,1	1152,0	1510
46011500	H07RN-F 1 x 150	25,6	1440,0	1900
46011850	H07RN-F 1 x 185	27,9	1776,0	2300
46012400	H07RN-F 1 x 240	31	2304,0	2900
46013000	H07RN-F 1 x 300	34,1	2880,0	3600
46014000	H07RN-F 1 x 400	38,5	3840,0	4800
46016300	H07RN-F 1 x 630	48,5	6048,0	6849
46030010	H07RN-F 3 G 1	8,4	29,0	125
46030015	H07RN-F 3 G 1,5	9,4	43,0	155
46030025	H07RN-F 3 G 2,5	11,1	72,0	235
46030040	H07RN-F 3 G 4	12,9	115,0	310
46030060	H07RN-F 3 G 6	14,3	173,0	400
46030100	H07RN-F 3 G 10	19,3	288,0	810
46030160	H07RN-F 3 G 16	22,1	461,0	1000
46030250	H07RN-F 3 G 25	27	720,0	1250
46030350	H07RN-F 3 G 35	29,6	1008,0	1850
46030500	H07RN-F 3 G 50	36	1440,0	3790
46040010	H07RN-F 4 G 1	9,5	38,0	129
46040015	H07RN-F 4 G 1,5	10,4	58,0	190
46040025	H07RN-F 4 G 2,5	12,3	96,0	280
46040040	H07RN-F 4 G 4	14,2	154,0	380
46040060	H07RN-F 4 G 6	15,9	230,0	510
46040100	H07RN-F 4 G 10	21,3	384,0	940
46040160	H07RN-F 4 G 16	24,2	614,0	1250
46040250	H07RN-F 4 G 25	29,3	960,0	1850
46040350	H07RN-F 4 G 35	33	1344,0	2310
46040500	H07RN-F 4 G 50	38,2	1920,0	3160
46040700	H07RN-F 4 G 70	43,2	2688,0	4250
46040950	H07RN-F 4 G 95	49	3648,0	5590
46041200	H07RN-F 4 G 120	53,6	4608,0	6790
46041500	H07RN-F 4 G 150	58,7	5760,0	8230
46041850	H07RN-F 4 G 185	65	7104,0	9700
46042400	H07RN-F 4 G 240	74	9216,0	13120



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KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
46050015	H07RN-F 5 G 1,5	11,5	72,0	230
46050025	H07RN-F 5 G 2,5	13,5	120,0	340
46050040	H07RN-F 5 G 4	15,9	192,0	470
46050060	H07RN-F 5 G 6	17,9	288,0	630
46050100	H07RN-F 5 G 10	22,3	480,0	1150
46050160	H07RN-F 5 G 16	26,9	768,0	1540
46050250	H07RN-F 5 G 25	32,5	1200,0	2200
46050350	07RN-F 5 G 35	38	1680,0	2700
46050500	07RN-F 5 G 50	44,5	2400,0	3950
46050700	07RN-F 5 G 70	47	3360,0	4893
46050950	07RN-F 5 G 95	58	4560,0	6600
46051200	07RN-F 5 G 120	61	5760,0	8051
46051500	07RN-F 5 G 150	73	7200,0	10500
46070015	H07RN-F 7 G 1,5	14,5	101,0	370
46070025	H07RN-F 7 G 2,5	17	168,0	520
46070040	H07RN-F 7 G 4	25,8	269,0	697
46120015	H07RN-F 12 G 1,5	18,3	175,0	450
46120025	H07RN-F 12 G 2,5	19	288,0	750
46180025	H07RN-F 18 G 2,5	26	432,0	1032
46190015	H07RN-F 19 G 1,5	23,5	274,0	800
46190025	H07RN-F 19 G 2,5	26,6	456,0	1068
46240015	H07RN-F 24 G 1,5	25,5	346,0	1000
46240025	H07RN-F 24 G 2,5	31,5	576,0	1380
46250015	H07RN-F 25 G 1,5	26	360,0	889
46270015	H07RN-F 27 G 1,5	-	390,0	973
46270025	H07RN-F 27 G 2,5	-	648,0	1365
46370015	07RN-F 37 G 1,5	28	533,0	1780
46370025	07RN-F 37 G 2,5	34	888,0	1940
46020010	H07RN-F 2 x 1	7,8	19,0	100
46020015	H07RN-F 2 x 1,5	8,7	29,0	130
46020025	H07RN-F 2 x 2,5	10,4	48,0	195
46020040	H07RN-F 2 x 4	12	77,0	280
46020060	H07RN-F 2 x 6	13,3	115,0	400
46030010	H07RN-F 3 x 1	8,4	29,0	90
46030015	H07RN-F 3 x 1,5	9,4	43,0	155
46030025	H07RN-F 3 x 2,5	11,1	72,0	235
46030060	H07RN-F 3 x 6	14,3	173,0	495
46030100	H07RN-F 3 x 10	19,3	288,0	730
46030160	H07RN-F 3 x 16	22,1	461,0	1020
46030250	H07RN-F 3 x 25	27	720,0	1250
46030350	H07RN-F 3 x 35	29,6	1008,0	1733
46040100	H07RN-F 4 x 10	21,3	384,0	940
46040160	H07RN-F 4 x 16	24,2	614,4	1250
46040250	H07RN-F 4 x 25	29,3	960,0	1850