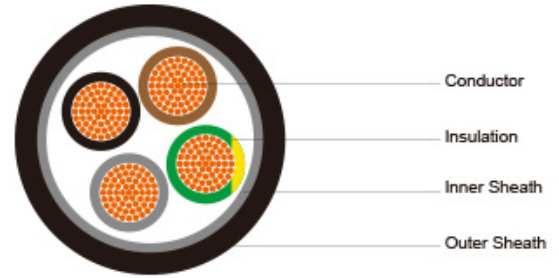


H07RN8-F 450/750V Harmonized Rubber Cables



Applications

These cables are designed for use in submersible pumps and similar applications in water for industrial use up to a water depth of 10 m and water temperature ranges up to 40°C, also approved for dry, humid and wet applications.

Standards

DIN VDE 0282 Part 1 and Part 16
HD 22.1
HD 22.16 S1

Construction

Conductors

Stranded copper conductor, class 5 according to DIN VDE 0295/IEC 60228.

Insulation

Rubber type EI4 according to DIN VDE 0282 Part 16.

Inner Sheath (for ≥ 10 mm² or more than 5 cores)

Rubber type EM2/EM3 according to DIN VDE 0282 Part 16.

Outer Sheath

Rubber type EM2 according to DIN VDE 0282 Part 16.

Dimensions and Weight:

Number of Cores × Nominal Cross Section	Insulation Thickness	Thickness of Inner Sheath	Thickness of Outer Sheath	Minimum Overall Diameter	Maximum Overall Diameter	Nominal Weight
No. × mm ²	mm	mm	mm	mm	mm	kg/km
1×1.5	0.8	-	1.4	5.7	6.7	60
2×1.5	0.8	-	1.5	8.5	10.5	120
3G1.5	0.8	-	1.6	9.2	11.2	170
4G1.5	0.8	-	1.7	10.2	12.5	210
5G1.5	0.8	-	1.8	11.2	13.5	260
7G1.5	0.8	1.0	1.6	14.0	17.0	360
12G1.5	0.8	1.2	1.7	17.6	20.5	515
19G1.5	0.8	1.4	2.1	20.7	26.3	795
24G1.5	0.8	1.4	2.1	24.3	28.5	920
1×2.5	0.9	-	1.4	6.3	7.5	75
2×2.5	0.9	-	1.7	10.2	12.5	170
3G2.5	0.9	-	1.8	10.9	13.0	230

4G2.5	0.9	-	1.9	12.1	14.5	290
5G2.5	0.9	-	2.0	13.3	16.0	360
7G2.5	0.9	1.1	1.7	17.0	20.0	510
12G2.5	0.9	1.2	1.9	20.6	23.5	740
19G2.5	0.9	1.5	2.2	24.4	30.9	1190
24G2.5	0.9	1.6	2.3	28.8	33.0	1525
1x4	1.0	-	1.5	7.2	8.5	100
2x4	1.0	-	1.8	11.8	14.5	195
3G4	1.0	-	1.9	12.7	15.0	305
4G4	1.0	-	2.0	14.0	17.0	400
5G4	1.0	-	2.2	15.6	19.0	505
1x6	1.0	-	1.6	7.9	9.5	130
2x6	1.0	-	2.0	13.1	16.0	285
3G6	1.0	-	2.1	14.1	17.0	380
4G6	1.0	-	2.3	15.7	19.0	550
5G6	1.0	-	2.5	17.5	21.0	660
1x10	1.2	-	1.8	9.5	11.5	195
2x10	1.2	1.2	1.9	17.7	21.5	565
3G10	1.2	1.3	2.0	19.1	22.5	715
4G10	1.2	1.4	2.0	20.9	24.5	875
5G10	1.2	1.4	2.2	22.9	27.0	1095
1x16	1.2	-	1.9	10.8	13.0	280
2x16	1.2	1.3	2.0	20.2	23.5	795
3G16	1.2	1.4	2.1	21.8	25.5	1040
4G16	1.2	1.4	2.2	23.8	28.0	1280
5G16	1.2	1.5	2.4	26.4	31.0	1610
1x25	1.4	-	2.0	12.7	15.0	405
4G25	1.4	1.6	2.2	28.9	33.0	1890
5G25	1.4	1.7	2.7	32.0	36.0	2335
1x35	1.4	-	2.2	14.3	17.0	545
4G35	1.4	1.7	2.7	32.5	36.5	2505
5G35	1.4	1.8	2.8	35.0	39.5	2718
1x50	1.6	-	2.4	16.5	19.5	730
4G50	1.6	1.9	2.9	37.7	42.0	3350
5G50	1.6	2.1	3.1	41.0	46.0	3804
1x70	1.6	-	2.6	18.6	22.0	955
4G70	1.6	2.0	3.2	42.7	47.0	4785
1x95	1.8	-	2.8	20.8	24.0	1135

4G95	1.8	2.3	3.6	48.4	54.0	6090
1x120	1.8	-	3.0	22.8	26.5	1560
4G120	1.8	2.4	3.6	53.0	59.0	7550
5G120	1.8	2.8	4.0	59.0	65.0	8290
1x150	2.0	-	3.2	25.2	29.0	1925
4G150	2.0	2.6	3.9	58.0	64.0	8495
1x185	2.2	-	3.4	27.6	31.5	2230
4G185	2.2	2.8	4.2	64.0	71.0	9850
1x240	2.4	-	3.5	30.6	35.0	2945
1x300	2.6	-	3.6	33.5	38.0	3495
1x630	3.0	-	4.1	45.5	51.0	7020