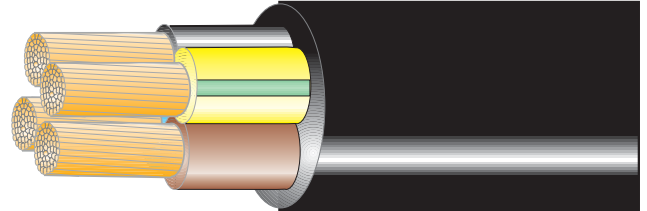


DRAKAFLEX-AQUA H07RN8-F 450/750V



Application fields

A highly flexible weather- and oil-resistant cable, that can be constantly submerged in fresh water up to 10 m depth with a maximum water temperature up to 40°C for the connection of submersible pumps or similar applications, where the mechanical stress is of medium hard character. Also suitable in spaces with explosion risks, dry or humid spaces, outdoors e.g. in agricultural buildings and for temporary installations in working sites. Also for fixed installation in temporary buildings and cabins. Use up to 1000 V AC is permitted for fixed, protected installation (in conduit or appliances) and also for motor connections of hoisting motors and the like. Max direct voltage 742/1238 V DC.

Standard

HD 22.16

Fire propagation class

IEC 60332-1

and EN 50265-2-1

Temperature range

In continuous operation

max. conductor temp 60 °C. The cable is flexible down to: -25 °C.

Approval

CE

Material declaration

DRAKAFLEX

Bending radius

6 x overall diameter when flexing

4 x overall diameter at fixed mounting

Max tensile stress (N)

Total copper area x 15 N/mm²

Design

Conductor:

Flexible and annealed copper acc. to IEC 60228 class 5

Insulation:

EPDM-rubber class E14

Core identification:

1-core: black
 2-core: blue, brown
 3-core: green/yellow, blue, brown
 4-core: green/yellow, brown, black, grey
 5-core: green/yellow, blue, brown, black, grey
 7-core or more: one green/yellow, the others black with numbers

Sheath:

Weather- and oil-resistant rubber, class EM2

Marking e.g.:

DRAKAFLEX H07RN8-F 450/750 V 5G10 mm²

Number of cores x cross-section of conductor mm ²	Overall diameter (approx.) mm	Weight (approx.) kg/100 m
1x35	16	50
1x50	18	72
1x95	23	127
1x150	28	189
2x10	19,6	52
3G1,5	9,6	13,0
3G2,5	11,5	18,9
3G10	21,5	65
3G70	42	257
3G95	46	355
4G1,5	10,5	16,2

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Number of cores x cross-section of conductor mm ²	Overall diameter (approx.) mm	Weight (approx.) kg/100 m
4G2,5	12,4	23,2
4G4	14,7	34,3
4G6	16,3	44
4G10	22,7	83
4G16	25,6	111
4G25	32	187
4G35	38	250
4G50	44	333
4G70	50	475
4G95	58	600
4G120	62	750
5G1,5	11,7	19,7
5G2,5	13,5	28,2
5G4	16,5	41
5G6	18,3	55
5G10	24,8	100
5G16	27,7	136
5G25	38	229
5G35	42	272
5G50	48	380
7G1,5	14,8	29,4
7G2,5	17,7	44
12G1,5	20	52
12G2,5	22	73

Nominal values unless otherwise specified.