



HALLEY CABLES

Rubber insulated multicore flexible cable for indoor and outdoor use

H07RN-F MULTIWIRE Rubber Cable



www.halleycables.com

Construction:

- Conductor : bare flexible copper.
- Insulation : E14 quality rubber.
- Outer sheath : polychloroprene EM2 quality or equivalent.
- Sheath colour : black.

Technical data and tests:

- Rated voltage U_0/U : 450/750 V.
- Test voltage : 2,5 kV.
- Min. ambient temperature : - 40° C ~ -15° C.
- Maximum operating temperature : + 60° C.
- Min. laying temperature : - 25° C.
- Short circuit temperature : + 200° C.
- Min. bending radius : 4 X D ~ 6 X D.
- UV resistant : yes.
- Ozone resistant : yes.
- Oil resistant : yes.
- Flame retardant : yes.

Standards:

- EN 50525-2-21.
- CENELEC HD 22.4 S3.
- CEI 20-19 p.4.

Applications:

Rubber-insulated multicore flexible cable with polychloroprene sheathing suitable for connecting signalling and control gear. The conductors are Black insulated with white numbers and a Green/Yellow earthing conductor. The manufacturing technique and the quality of the materials involved make this cable particularly reliable in terms of operating safety and long life, even in temperature ranges from -40° C (in static conditions) up to +60° C. It can be used for indoor and outdoor applications and in damp or wet environments. The neoprene protective sheathing makes it resistant to oils, weathering and mechanical stresses. Laying underground is only acceptable if adequate protection is provided against the risk of damage. During laying and wiring operations, avoid exceeding a tensile strain of 5 Kg x mm² of the total conductor's area. Not recommended for connecting equipment subject to continuous movements, supplied by means of catenaries or cable-winder drums.





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DIMENSIONS

Conductors x cross section no. x mm ²	Approx. conductor diameter mm	Minimum overall diameter mm	Maximum overall diameter mm	Approx. cable weight kg/km
6 x 1,5	1,5	13,4	17,2	330
7 x 1,5	1,5	15	19	340
10 x 1,5	1,5	17,2	20,2	430
12 x 1,5	1,5	17,6	22,4	530
18 x 1,5	1,5	20,7	26,3	700
19 x 1,5	1,5	22,1	28	750
24 x 1,5	1,5	24,3	30,7	960
36 x 1,5	1,5	27,8	35,2	1360
6 x 2,5	1,9	15,7	20	490
7 x 2,5	1,9	17,5	21,5	500
10 x 2,5	1,9	20,4	24,4	630
12 x 2,5	1,9	20,6	26,2	720
18 x 2,5	1,9	24,4	30,9	1050
19 x 2,5	1,9	26,1	32	1150
24 x 2,5	1,9	28,8	36,4	1350
36 x 2,5	1,9	33,2	41,8	2360
6 x 4	2,4	18,2	23,2	610
7 x 4	2,4	20,2	24,2	680
12 x 4	2,4	24,4	30,9	1050
18 x 4	2,4	28,8	36,4	1500

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