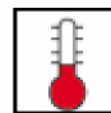


Rubber Flexible Cable H07RN-F 450/750 Volts

Application

This cable is dedicated for installations with moving equipment, electric appliances and for building sites. The cable may be rated 0.6 / 1 kV where the installations has built-in protection and for motors in lifting appliances - machine tools - etc

Max continuous operating conductor Temperature : in normal use : 60°C 90° C if protected (200° C in short circuit)



-25 + 85° C

Design

1. Conductor Flexible, bare copper class 5
2. Insulation Special reticulated elastomer
3. Conductors laid up Assembled conductors
4. Outer sheath High mechanical performance Reticulated elastomer construction

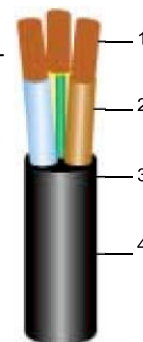
Installation

This cable can be installed in open air or be buried but with extra mechanical protection.

Bending radius

Dynamic in use : 6 to 8 times outer diameter

Static in use : 3 to 4 times outer diameter



Very good



Good
AG 2

Marking

USE < HAR > H07RN-F
Nb X (or G) S LIN EAX
X = without G/Y
G = with G/Y
S = section in mm²

Core Identification

- 1 core : Black
- 2 cores : Brown - Blue
- 3 cores : Brown - Blue - Green/Yellow
- 4 cores : Black - Brown - Blue - Black or Green/Yellow
- 5 cores : Black - Brown - Blue - Black - Black or Green/Yellow
- > 5 cores Black printed with white numbers with Green/Yellow

Standards

FRANCE | NF C 32-102-4 | CEI 245 - 4 (modifiée) - HD22-4 | EUROPE CENELEC | HD 22 - 4
INTERNATIONAL | IEC 60245 - 4 type 66



Accidental
AF 3

Technical Data

H07RN-F

Permissible current ratings are shown for an ambient temperature of 30°C where the cable is installed in fixed installations for a maximum operating and a conductor temperature of 85°C. For other temperatures refer to N FC 15.100 for correction factors.

Nb of cores Crosssection (mm ²)	Permissible current rating (A)	Voltage drop $\Delta u (\cos \theta_{0,8})$ V/A.km	Outer diameter (mm)	Weight (kg/km)	Product Code
			Maxi		
1 x 1.5	23	23.3	7.1	50	JRC11.5
1 x 2.5	32	14.0	7.9	66	JRC12.5
1 x 4	43	8.7	9.0	94	JRC14
1 x 6	56	5.9	9.8	109	JRC16
1 x 10	77	3.4	11.9	182	JRC110
1 x 16	102	2.2	13.4	256	JRC116
1 x 25	136	1.4	15.8	369	JRC125
1 x 35	168	1.04	17.9	482	JRC135
1 x 50	203	0.75	20.6	662	JRC150
1 x 70	254	0.56	23.3	895	JRC170
1 x 95	315	0.44	26.0	1160	JRC195
1 x 120	363	0.36	28.6	1430	JRC1120
1 x 150	416	0.31	31.4	1740	JRC1150
1 x 185	475	0.28	34.4	2160	JRC1185
1 x 240	559	0.23	38.3	2730	JRC1240
1 x 300	637	0.20	41.9	3480	JRC1300
1 x 400	746	0.18	46.8	4510	JRC1400
1 x 500	833	0.16	52.0	5700	JRC1500
2 x 1	18	39.4	10.0	99	JRC21
2 x 1.5	23	27.0	11.0	111	JRC21.5
2 x 2.5	32	16.2	13.1	161	JRC22.5
2 x 4	43	10.1	15.1	238	JRC24
2x 6	56	6.7	16.8	279	JRC26
2 x 10	77	3.8	22.6	538	JRC210
2 x 16	102	2.5	25.7	744	JRC216
2 x 25	136	1.68	30.7	1074	JRC225



Flame
retardant



Flexible



AD6
AD8 on
request