

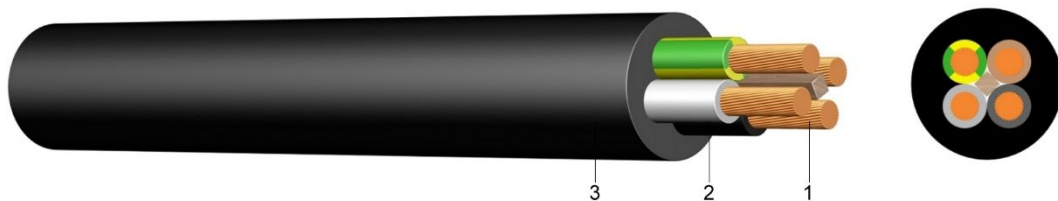
H07RN-F E_{ca}

Rubber-sheathed flexible cable, 450/750 V
+60 °C service temperature, water, oil, UV and ozone resistant
EN 50525-2-21 and EN 50575

Application

Rubber-sheathed, flexible cable. For connecting of power tools, mobile units and machines for medium mechanical requirements in dry and humid rooms, for outdoor use, in explosive areas, in commercial and agricultural plants and on construction lots. Also suitable for fixed laying e.g. on-wall in temporary buildings, for directly laying on components and mechanical parts of machines, e.g. lifts and cranes.

Construction



1. Conductor: Copper conductor, flexible (class 5)
2. Insulation: EPR
Core identification: According to HD 308 S2
3. Outer sheath: Rubber compound, black

Technical information

Rated voltage	U ₀ /U	450/750 V up to 1000 Vac for fixed and protected installation
Max. permissible temperature at conductor		60 °C
Max. short circuit temperature of the conductor		200 °C (max. 5 sec)
Min. operating temperature without mechanical stress		-40 °C
Min. temperature during installation		-25 °C
Min. bending radius mm		6 x outer diameter in mm
Max. tensile strength during installation		15 N / mm ²
Safety parameters		
Reaction to fire		EN 50399 E _{ca}
Flame spread	single cable	EN 60332-1-2
Additional parameters		
Oil resistant		EN 60811-2-1
UV resistant		
Ozone resistant		

H07RN-F E_{ca}

Rubber-sheathed flexible cable, 450/750 V
+60 °C service temperature, water, oil, UV and ozone resistant
EN 50525-2-21 and EN 50575

N° of cores and cross section mm ²	Outer diameter approx. mm	Weight approx. kg/km
1 x 1,5	5.9	50
1 x 2,5	6.5	65
1 x 4	7.4	89
1 x 6	8.1	115
1 x 10	10.4	190
1 x 16	11.7	259
1 x 25	13.8	375
1 x 35	15.4	492
1 x 50	17.7	675
1 x 70	20.0	908
1 x 95	22.2	1.171
1 x 120	24.6	1.445
1 x 150	26.9	1.783
1 x 185	28.9	2.125
1 x 240	32.7	2.733
1 x 300	36.5	3.348
1 x 400	39.6	4.800
1 x 630	45.5	5.800
2 x 1	8.4	90
2 x 1,5	9.1	109
2 x 2,5	10.8	158
2 x 4	12.4	217
2 x 6	13.8	282
3 G 1	9.1	110
3 G 1,5	10.2	134
3 G 2,5	11.6	196
3 G 4	13.3	271
3 G 6	14.8	355
3 G 10	20.8	674
3 G 16	23.3	913
3 G 25	27.7	1.324
3 G 35	31.0	1.754
4 G 1	10.0	136
4 G 1,5	10.8	166
4 G 2,5	12.8	241
4 G 4	14.7	336
4 G 6	16.5	449
4 G 10	22.6	833
4 G 16	25.4	1.138
4 G 25	30.8	1.714
4 G 35	34.3	2.204
4 G 50	39.6	3.029
4 G 70	44.9	4.121
4 G 95	50.4	5.361
4 G 120	55.4	6.546
4 G 150	60.9	8.095
4 G 185	65.7	9.652
4 G 240	75.7	12.614

All information is for guidance only without liability. Subject to change without notice.

ELTEC sa – rue Robert-Peutat, 7b – 4834 Goé Belgium | +32 87 76 02 20 | www.elteccable.be | eltec@elteccable.be

H07RN-F E_{ca}

Rubber-sheathed flexible cable, 450/750 V
+60 °C service temperature, water, oil, UV and ozone resistant
EN 50525-2-21 and EN 50575

N° of cores and cross section mm ²	Outer diameter approx. mm	Weight approx. kg/km
5 G 1	11.0	168
5 G 1,5	11.8	206
5 G 2,5	14.0	297
5 G 4	16.3	422
5 G 6	18.1	567
5 G 10	24.8	1.010
5 G 16	28.1	1.400
5 G 25	33.6	2.096
5 G 35	39.2	2.697
5 G 50	45.4	3.740
5 G 70	48.0	5.033
5 G 95	53.3	6.271
5 G 120	61.0	8.051
5 G 150	73.0	10.500
5 G 240	81.0	15.230
7 G 1,5	15.3	315
7 G 2,5	17.9	445
12 G 1,5	18.4	493
12 G 2,5	22.2	702
19 G 1,5	22.8	710
19 G 2,5	26.3	1.030
24 G 1,5	25.1	898
24 G 2,5	29.4	1.312

La version française de cette fiche technique est disponible sur demande.
De technische gegevens zijn op aanvraag in het Nederlands beschikbaar.