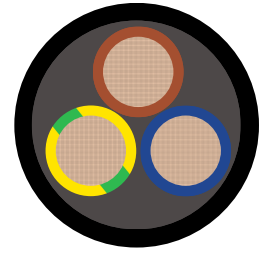




H07RN-F

Flexible Main and Control Cable



DESCRIPTION

Conductor: Class 5 flexible tinned Cu conductor, **Insulation:** Ethylene propylene rubber (EPR) insulation, **Sheath:** Polychloroprene (PCP) oil resistant and flame retardant black sheath.

APPLICATION

Suitable for use indoors and outdoors, in dry, wet or oily conditions and also explosive atmosphere environments.

TECHNICAL DATA

Voltage Grade: 450/750v
(up to 1000v in fixed, protected installations)

Temperature Range: -25°C to +60°C
(conductor short circuit +200°C)

UV-Resistant: Yes

Approvals/Standards: EN50525-2-21, BS6500, BS7919, IEC60245-4, IEC60332-1-2, IEC60811-2-1

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Flexible Main and Control Cable

No. of Cores	Cond. Size	Class of Cond.	Approx. OD (mm)		Weight
	mm ²		Min.	Max.	Kg/Km
1	6	5	7.0	9.2	120
1	10	5	9.5	11.9	210
1	16	5	10.8	13.4	295
1	25	5	12.7	15.8	430
1	35	5	14.3	17.9	575
1	50	5	16.5	20.6	785
1	70	5	18.6	23.3	1055
1	95	5	20.8	26.0	1380
1	120	5	22.8	28.6	1710
1	150	5	25.2	31.4	2110
1	185	5	27.6	34.4	2575
1	240	5	30.6	38.3	3275
1	300	5	33.5	41.9	4020
1	400	5	37.4	46.8	5230
1	500	5	41.3	52.0	6495
1	630	5	45.5	57.0	8055
2	1.0	5	7.7	10.0	105
2	1.5	5	8.5	11.0	130
2	2.5	5	10.2	13.1	190
2	4	5	11.8	15.1	265
2	6	5	13.1	16.8	345
2	10	5	17.7	22.6	610
2	16	5	20.2	25.7	845
2	25	5	24.3	30.7	1242
3	1.0	5	8.3	10.7	125
3	1.5	5	9.2	11.9	160
3	2.5	5	10.9	14.0	230
3	4	5	12.7	16.2	330
3	6	5	14.1	18.0	430
3	10	5	19.1	24.2	760
3	16	5	21.8	27.6	1065
3	25	5	26.1	33.0	1575
3	35	5	29.3	37.1	2075
3	50	5	34.1	42.9	2860

ALL FIGURES QUOTED ARE APPROXIMATE

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Head Office (Bolton): • Tel: +44 (0) 1942 840 200 • E-Mail: sales@cable-world.co.uk

London Branch: • Tel: +44 (0) 203 960 9389 • E-Mail: sales.london@cable-world.co.uk



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No. of Cores	Cond. Size	Class of Cond.	Approx. OD (mm)		Weight
	mm ²		Min.	Max.	Kg/Km
3	70	5	38.4	48.3	3790
3	95	5	43.3	54.0	4940
3	120	5	47.4	60.0	6125
3	150	5	52.0	66.0	7520
3	185	5	57.0	72.0	9125
3	240	5	65.0	82.0	11845
4	1.0	5	9.2	11.9	155
4	1.5	5	10.2	13.1	200
4	2.5	5	12.1	15.5	290
4	4	5	14.0	17.9	410
4	6	5	15.7	20.0	545
4	10	5	20.9	26.5	945
4	16	5	23.8	30.1	1325
4	25	5	28.9	36.6	2000
4	35	5	32.5	41.1	2640
4	50	5	37.7	47.5	3635
4	70	5	42.7	54.0	4865
4	95	5	48.4	61.0	6405
4	120	5	53.0	66.0	7830
4	150	5	58.0	73.0	9640
4	185	5	64.0	80.0	11770
4	240	5	72.0	91.0	15175
4	300	5	80.0	101.0	18845
5	1.0	5	10.2	13.1	190
5	1.5	5	11.2	14.4	240
5	2.5	5	13.3	17.0	355
5	4	5	15.6	19.9	510
5	6	5	17.5	22.2	680
5	10	5	22.9	29.1	1155
5	16	5	26.4	33.3	1635
5	25	5	32.0	40.4	2465
5	35	5	35.7	45.1	2790
5	50	5	41.8	53.0	3875

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Flexible Main and Control Cable

No. of Cores	Cond. Size	Class of Cond.	Approx. OD (mm)		Weight
	mm ²		Min.	Max.	Kg/Km
7	1.5	5	14.7	18.7	365
7	2.5	5	17.1	21.8	510
7	4	5	20.1	25.5	720
7	6	5	21.6	26.9	875
12	1.5	5	17.6	22.4	585
12	2.5	5	20.6	26.2	850
12	4	5	24.4	30.9	1235
18	1.5	5	20.7	26.3	830
24	1.5	5	24.3	30.7	1125
37	1.5	5	28.0	35.2	1320

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Core Identification	
No. of Cores	Core Colours
1	BLACK
2	BROWN, BLUE
3	BROWN, BLUE, GREEN/YELLOW
4	BROWN, BLACK, GREY, GREEN/YELLOW
5	BROWN, BLACK, GREY, BLUE, GREEN/YELLOW
7+	BLACK CORES, WHITE NUMBERS WITH 1X GREEN/YELLOW

E&OE. Manufacturers reserve the right to amend the specification without prior notice.

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