

The Cable & Accessory Catalogue



FLEXIBLE MAINS AND CONTROL CABLES HO7RN-F

Plain annealed flexible copper conductors, rubber insulated, heavy duty polychloroprene (PCP) outer sheath 450/750 volts grade. Black. Harmonised code type HO7RN-F. Flame propagation to EN 60332-1-2.

CCC Code	Conductor Size (mm ²)	Stranding (mm)	No. Of Cores	Weight (Kg/Km)	Mean Overall Diameter (mm)	
					Lower Limit	Upper Limit
3182P1	1.0	32/0.20	2	95	6.1	8.0
3183P1	1.0	32/0.20	3	115	6.5	8.5
3184P1	1.0	32/0.20	4	140	7.1	9.3
3182P1/5	1.5	30/0.25	2	132	7.6	9.8
3183P1/5	1.5	30/0.25	3	165	8.0	10.4
3184P1/5	1.5	30/0.25	4	200	9.0	11.6
3185P1/5	1.5	30/0.25	5	240	11.2	14.4
3187P1/5	1.5	30/0.25	7	385	14.6	18.2
3180/12P1/5	1.5	30/0.25	12	520	17.6	22.4
3180/19P1/5	1.5	30/0.25	19	700	21.0	26.0
3180/27P1/5	1.5	30/0.25	27	920	25.3	30.0
3180/37P1/5	1.5	30/0.25	37	1260	29.0	34.2
3182P2/5	2.5	50/0.25	2	193	9.0	11.6
3183P2/5	2.5	50/0.25	3	235	9.6	12.4
3184P2/5	2.5	50/0.25	4	290	10.7	13.8
3185P2/5	2.5	50/0.25	5	345	13.3	17.0
3187P2/5	2.5	50/0.25	7	520	17.2	21.0
3180/12P2/5	2.5	50/0.25	12	810	20.6	26.2
3181P4	4	50/0.25	1	94	7.2	9.0
3182P4	4.0	56/0.30	2	275	11.8	15.1
3183P4	4.0	56/0.30	3	320	12.7	16.2
3184P4	4.0	56/0.30	4	395	14.0	17.9
3185P4	4.0	56/0.30	5	485	15.6	19.9
3187P4	4	56/0.30	7	773	19.8	24.4
6381P6	6	84/0.30	1	130	7.9	9.8
6382P6	6.0	84/0.30	2	350	13.1	16.8
6383P6	6.0	84/0.30	3	495	14.1	18.0
6384P6	6.0	84/0.30	4	610	15.7	20.0
6385P6	6.0	84/0.30	5	760	17.5	22.9
6387P6	6.0	84/0.30	7	904	21.6	26.9
6381P10	10	80/0.40	1	230	9.5	11.9
6382P10	10	80/0.40	2	640	17.7	22.6
6383P10	10	80/0.40	3	880	19.1	24.2
6384P10	10	80/0.40	4	1060	20.9	26.5
6385P10	10	80/0.40	5	1300	22.9	29.1
6381P16	16	126/0.40	1	320	10.8	13.4
6382P16	16	126/0.40	2	850	20.2	25.7
6383P16	16	126/0.40	3	1090	21.8	27.6
6384P16	16	126/0.40	4	1345	23.8	30.1
6385P16	16	126/0.40	5	1680	26.4	33.3
6381P25	25	196/0.40	1	450	12.7	15.8
6382P25	25	196/0.40	2	1210	24.3	30.7
6383P25	25	196/0.40	3	1394	26.1	33.0
6384P25	25	196/0.40	4	1995	28.9	36.6
6385P25	25	196/0.40	5	2470	32.0	40.4
6381P35	35	276/0.40	1	605	14.3	17.9
6383P35	35	276/0.40	3	1850	29.3	37.1
6384P35	35	276/0.40	4	2645	32.5	41.1
6385P35	35	276/0.40	5	2930	34.0	43.0
6381P50	50	396/0.40	1	825	16.5	20.6
6383P50	50	396/0.40	3	2890	34.1	42.9
6384P50	50	396/0.40	4	3635	37.7	47.5
6385P50	50	396/0.40	5	4450	39.03	49.18

Temperature limits:
-25 to +90°C.

*Bending radius:
Static - 6 x overall diameter.
Flexing - 15 x overall diameter.

Core identification:
2 core - Red, Black.
3 core - Red, Yellow, Blue.
4 core - Red, Yellow, Blue, Black.
5 core - Red, Yellow, Blue, Black, Green/Yellow

Should not be installed at temperatures below 0°C.

Please note that gland and cleat sizes are intended to be indicative and may vary according to different manufacturers tolerances.

All bending radii shown are indicative only as each individual manufacturer has their own criteria for their product. Specification of the minimum bending radius (MBR) of cables is not referred to in cable standards. This is a manufacturer declaration, based on their own judgement and experience of the capabilities of their cable, it is not a specification defined in standards.