

# Cable Data

H07RN-F is a double insulated, Ethylene Propylene Rubber, flexible cable (usually black) designed to withstand; the weather, oils/greases, mechanical and thermal stresses. Applications include; industrial environments mobile power supplies, worksites, events for audio and visual equipment, drainage and water treatment, dams and port areas. Conforms to BS EN 7919.

## H07RN-F

No. x Cross Sectional Area (mm <sup>2</sup> )	Max Current In Free Air (A@30°C)	Approx. Overall Diameter (mm)	Approx. Cable Weight (kg/m)	Approx Voltage Drop (V/km)	Gland Size (Brass mm)	Gland Size (Plastic mm)
1 x 35	162	18.5	0.52	1.1	25	25
1 x 50	198	21	0.72	0.77	25	32
1 x 70	256	23.5	0.97	0.57	32	32
1 x 95	314	26	1.24	0.46	32	32
1 x 120	365	28.5	1.54	0.38	32	40
1 x 150	422	31.5	1.89	0.32	40	40
1 x 185	484	34.5	2.3	0.26	40	40
1 x 240	573	38	2.94	0.23	50S	50
1 x 300	663	41.5	3.66	0.2	50	N/A
3 x 2.5	29	14.5	0.21	14	20	20L
3 x 6	52	20	0.39	5.7	25	25
3 x 16	86	29.5	1.0	2.2	32	32
3 x 35	140	38	1.89	1.0	50S	50
5 x 2.5	29	17	0.32	14	25	25
5 x 6	52	24.5	0.63	5.7	32	32
5 x 16	86	35.5	1.53	2.2	40	40
5 x 35	140	41.5	3.59	1.0	50	N/A
18 x 1.5	22	23	0.7	23	32	32

SY Control Cable is a galvanised steel wire braid with Polyvinyl Chloride Insulation supply cable (usually transparent to be able to see the braid) suitable for fixed installations, or flexible use, where there is magnetic interference and mechanical damage is a possibility. Conforms to BS EN 6500.

## SY

No. x Cross Sectional Area (mm <sup>2</sup> )	Max Current In Free Air (A@30°C)	Approx. Overall Diameter (mm)	Approx. Cable Weight (kg/m)	Approx Voltage Drop (V/km)	Gland Size (Brass mm)	Gland Size (Plastic mm)
3 x 2.5	26	9.7	0.15	14	20	20L
3 x 6	44	13.1	0.31	5.7	25	25
3 x 16	82	19.6	0.76	2.2	32	32
3 x 35	135	28.0	1.72	1.0	50S	50
5 x 2.5	26	11.5	0.22	14	25	25
5 x 6	44	16.4	0.47	5.7	32	32
5 x 16	82	23.4	1.12	2.2	40	40
5 x 35	135	32	2.2	1.0	50	N/A

Current carrying capacity and voltage drop of cable is given as a guideline only. Refer to BS EN 7671 17th Edition tables for exact calculations.