

**Power Cable - Two Core**

Nominal Cross sectional Area in mm <sup>2</sup> & Cores	Nominal Insulation Thickness mm	Min. Inner Sheath Thickness mm	Armour		Min. Outer Sheath Thickness mm	Overall Diameter Approx. mm	Weight Of Cable Approx. Kg/Km	Max. DC Resist. At 20°C Ω/Km	Current Ratings		
			GI Rd. Wire	GI Flat Strip 4x0.8m m					Direct in Ground Amps	In Ducts Amps.	In Air Amps.
2.5 x 2	0.9	0.30	1.4	—	1.24	13.8	350	12.1	25	21	21
4.0 x 2	1.0	0.30	1.4	—	1.24	15.2	425	7.41	32	27	27
6.0x2	1.0	0.30	1.4	—	1.24	16.6	475	4.61	40	.34	35
10.0x2	1.0	0.30	1.4	—	1.24	18.6	565	.3.08	55	45	47
16.0x2	1.0	0.30	—	0.8	1.40	17.0	500	1.91	70	58	59
25.0 x 2	1.2	0.30	—	0.8	1.40	19.5	650	1.20	90	76	78
35.0 X 2	1.2	0.30	—	0.8	1.40	21.0	750	0.868	110	92	99
50.0 x 2	1.4	0.30	—	0.8	1.40	24.0	950	0.641	135	115	125
70.0 x 2	1.4	0.30	—	0.8	1.56	26.0	1150	0.443	160	140	150
95.0 x 2	1.6	0.40	—	0.8	1.56	29.5	1460	0.320	190	170	185
120.0 x 2	1.6	0.40	—	0.8	1.56	31.5	1670	0.253	210	190	210
150.0x2	1.8	0.40	—	0.8	1.72	34.5	2010	0.206	240	210	240
185.0x2	2.0	0.50	—	0.8	1.88	38.5	2450	0.164	275	240	275

## Power Cables – Three Core

Nominal Cross sectional Area in mm <sup>2</sup> & Cores	Nominal Insulation Thickness mm	Min. Inner Sheath Thickness mm	Armour		Min. Outer Sheath Thickness mm	Overall Diameter Approx. mm	Weight Of Cable Approx. Kg/Km	Max. DC Resist. At 20°C Ω/Km	Current Ratings		
			GI Rd. Wire	GI Flat Strip 4x0.8mm					Direct in Ground Amps	In Ducts Amps.	In Air Amps.
2.5 x 3	0.9	0.30	1.4	—	1.24	14.6	400	12.1	21	18	18
4.0 x 3	1.0	0.30	1.4	—	1.24	16.0	480	7.41	28	23	23
6.0 x 3	1.0	0.30	1.4	—	1.24	17.6	560	4.61	35	30	30
10.0x3	1.0	0.30	1.4	—	1.40	19.5	675	.3.08	46	39	40
16.0 x 3	1.0	0.30	—	0.8	1.40	20.0	650	1.91	60	50	51
25.0 x 3	1.2	0.30	—	0.8	1.40	22.5	800	1.20	76	63	70
35.0 x 3	1.2	0.30	—	0.8	1.40	24.5	950	0.868	92	77	86
50.0 x 3	1.4	0.30	—	0.8	1.56	26.5	1200	0.641	110	95	105
70.0 x 3	1.4	0.40	—	0.8	1.56	31.0	1500	0,443	135	115	130
95.0 x 3	1.6	0.40	—	0.8	1.56	35.0	1900	0.320	165	140	155
120.0 x 3	1.6	0.40	—	0.8	1.72	38.0	2240	0.253	185	155	180
150.0x3	1.8	0.50	—	0.8	1.88	42.0	2700	0.206	210	175	205
185.0x3	2.0	0.50	—	0.8	1.88	46.0	3200	0.164	235	200	240

### Power Cables – Three & Half Core

Nominal Cross sectional Area in mm <sup>2</sup> & Cores	Nominal Insulation Thickness mm	Min. Inner Sheath Thickness mm	Armour		Min. Outer Sheath Thickness mm	Overall Diameter Approx. mm	Weight Of Cable Approx. Kg/Km	Max. DC Resist. At 20°C Ω/Km	Current Ratings		
			GI Rd. Wire	GI Flat Strip 4x0.8mm					Direct in Ground Amps	In Ducts Amps.	In Air Amps.
25.0 x 3.5	1.2 / 1.0	0.30	—	0.8	1.40	25.0	900	1.20/1.91	76	6.3	70
35.0 x 3.5	1.2 / 1.0	0.30	—	0.8	1.40	27.0	1030	0.868/1.91	92	77	86
50.0 x 3.5	1.4 / 1.2	0.30	—	0.8	1.56	31.0	1350	0.641/1.20	100	95	105
70.0 x 3.5	1.4 / 1.2	0.40	—	0.8	1.56	34.0	1725	0.443/0.868	135	115	130
95.0 x 3.5	1.6 / 1.4	0.40	—	0.8	1.56	39.0	2130	0.320/0.641	165	140	155
120.0 x 3.5	1.6 / 1.4	0.50	—	0.8	1.72	42.0	2580	0.253/0.443	185	155	180
150.0 x 3.5	1.8 / 1.1	0.50	—	0.8	1.88	46.5	3050	0.206/0.443	210	175	205
185.0x 3.5	2.0 / 1.6	0.50	—	0.8	2.04	51.5	3650	0.164/0.320	285	200	240