

GRID INDIA POWER CABLES PVT. LTD.



2 CORE ALUMINIUM XLPE UNARMOURED POWER CABLES												
No. of cores and cross sectional area	Min. No. of wires	Thickness of Insulation (Nom.) (mm)	Min. Thickness of inner sheath (mm)	Nom. Thickness of Outer Sheath (mm)	Overall Diameter (Approx.)	Net Wt. of Cable (Approx.)	Max. D.C. Resistance at 20 Deg. (Ohms/Km)	Max. A.C. Resistance at 90 Deg. (Ohms/Km)	Approx. Reactance at 50 Hz (Ohm/Km)	Approx. Capacitance (mFd/Km)	CURRENT RATINGS	
											Direct in Ground	In Air
											Amps	Amps
2C x 25	6	0.90	0.3	2.00	18	420.00	1.20	1.54	0.080	0.20	112	98
2C x 35	6	0.90	0.3	2.00	20	510.00	0.87	1.11	0.080	0.23	138	124
2C x 50	6	1.00	0.3	2.00	22	630.00	0.64	0.82	0.078	0.24	169	156
2C x 70	12	1.10	0.3	2.00	25	800.00	0.44	0.57	0.077	0.26	200	188
2C x 95	15	1.10	0.4	2.20	28	1040.00	0.32	0.41	0.074	0.29	238	231
2C x 120	15	1.20	0.4	2.20	30	1260.00	0.25	0.33	0.072	0.29	262	262
2C x 150	15	1.40	0.4	2.20	33	1480.00	0.21	0.27	0.072	0.29	300	300
2C x 185	30	1.60	0.5	2.40	36	1840.00	0.16	0.21	0.072	0.29	344	344
2C x 240	30	1.70	0.5	2.60	40	2250.00	0.13	0.16	0.072	0.31	400	406
2C x 300	30	1.80	0.6	2.80	44	2810.00	0.10	0.13	0.071	0.33	444	456
2C x 400	53	2.00	0.6	3.00	49	3530.00	0.08	0.10	0.070	0.33	481	525