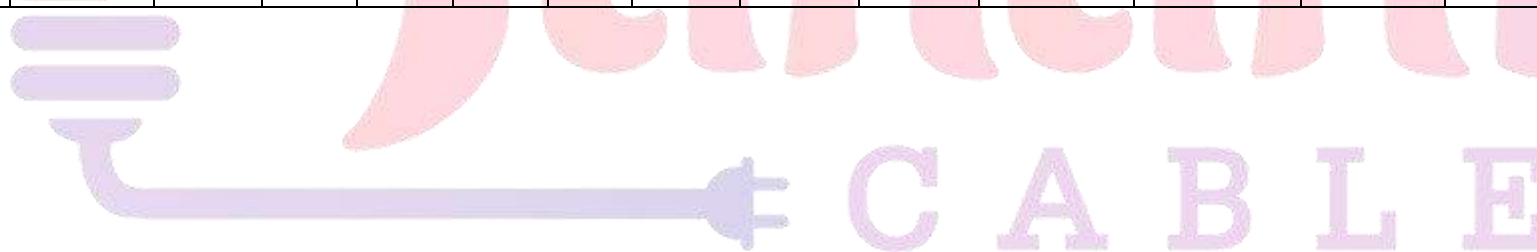




2 - CORE ALUMINIUM XLPE ARMOURED POWER CABLES

No. of cores & cross sectional area	Min. No. of Wires	Thickness of PVC insulation (Nom.)	Min. Thickness of PVC inner sheath	Nominal Dimensions of Armour		Min. Thickness of PVC Outers heath		Overall Diameter (Approx.)		Approx. Net Wt. of Cable		Max. D.C. Resistance at 20	Max. A.C. Resistance at 70	Approx. Reactance at 50 Hz	Approx. Capacitance	CURRENT RATINGS	
																Direct in Ground	In Air
			mm	Strip mm	Wire mm	Strip mm	Wire mm	Strip mm	Wire mm	Strip (Kg/Km)	Wire (Kg/Km)	Oh,s/Km	Oh,s/Km	Oh,s/Km	Mfd/Km	Amps	Amps
2CX25	7	0.90	0.3	1.60	4X0.8	1.40	1.40	21.2	19.6	797	582	1.2000	1.5400	0.080	0.20	112	98
2CX35	7	0.90	0.3	1.60	4X0.8	1.40	1.40	22.2	20.6	880	664	0.8680	1.1100	0.080	0.23	138	124
2CX50	7	1.00	0.3	1.60	4X0.8	1.40	1.40	24.3	22.7	1056	808	0.6410	0.8200	0.078	0.24	169	156
2CX70	19	1.10	0.3	1.60	4X0.8	1.56	1.56	27.1	25.5	1287	1013	0.4430	0.5670	0.077	0.26	200	188
2CX95	19	1.10	0.4	2.00	4X0.8	1.56	1.56	30.8	28.4	1738	1255	0.3200	0.4100	0.074	0.29	238	231
2CX120	19	1.20	0.4	2.00	4X0.8	1.56	1.56	32.7	30.3	1967	1464	0.2530	0.3250	0.072	0.29	262	262
2CX150	19	1.40	0.4	2.00	4X0.8	1.72	1.72	36.2	33.8	2334	1754	0.2060	0.2650	0.072	0.29	300	300
2CX185	37	1.60	0.5	2.00	4X0.8	1.88	1.72	39.9	37.1	2763	2105	0.1640	0.2110	0.072	0.29	344	344
2CX240	37	1.70	0.5	2.50	4X0.8	2.04	1.88	43.9	40.2	3568	2556	0.1250	0.1620	0.072	0.31	400	406
2CX300	37	1.80	0.6	2.50	4X0.8	2.20	2.04	49.5	45.8	4273	3102	0.1000	0.1300	0.071	0.33	444	456
2CX400	61	2.00	0.6	2.50	4X0.8	2.36	2.36	54.0	50.0	5600	4230	0.0778	0.1023	0.070	0.33	481	525



Email : info@janakicable.com Web : www.janakicable.com

WhatsApp : +977-9817826183 Ph. No. : 9842018181, 01-5920018

Factory Office : Kshireswarnath 4, Mahendranagar, Dhanusha, Nepal

Corporate Office : Dharahara Tower, Taha Gali, Sundhara, Kathmandu, Nepal



2 CORE ALUMINIUM XLPE UNARMoured POWER CABLES

											CURRENT RATINGS	
No. of cores & cross sectional area	Min. No. of Wires	Thickness of insulation (Nom.)	Min. Thickness of inner sheath	Nom. Thickness of Outer sheath	Overall Diameter (Approx.)	Net Wt. of Cable (Approx.)	Max. D.C. Resistance at 20°C	Max. A.C. Resistance at 90°C	Approx. Reactance at 50 Hz	Approx. Capacitance	Direct in Ground	In Air
		(mm)	(mm)	(mm)	(mm)	(Kg/Km)	Ohms/Km	Ohms/Km	Ohms/Km	mFd/Km	Amps	Amps
2CX25	7	0.90	0.3	2.00	19.2	400	1.20	1.54	0.080	0.20	112	98
2CX35	7	0.90	0.3	2.00	20.2	469	0.87	1.11	0.080	0.23	138	124
2CX50	7	1.00	0.3	2.00	22.3	588	0.64	0.82	0.078	0.24	169	156
2CX70	19	1.10	0.3	2.00	24.8	743	0.44	0.57	0.077	0.26	200	188
2CX95	19	1.10	0.4	2.20	28.1	974	0.32	0.41	0.074	0.29	238	231
2CX120	19	1.20	0.4	2.20	30.0	1159	0.25	0.33	0.072	0.29	262	262
2CX150	19	1.40	0.4	2.20	33.2	1386	0.21	0.27	0.072	0.29	300	300
2CX185	37	1.60	0.5	2.40	36.9	1728	0.16	0.21	0.072	0.29	344	344
2CX240	37	1.70	0.5	2.60	40.0	2155	0.13	0.16	0.072	0.31	400	406
2CX300	37	1.80	0.6	2.80	45.7	2649	0.10	0.13	0.071	0.33	444	456
2CX400	61	2.00	0.6	3.00	49.0	3530	0.08	0.10	0.070	0.33	481	525