



Janaki Cable Industry Ltd

Regd. No. : 216844/75/76 | PAN No. : 609552191



1 -Core-copper PVC ARMOURED & UNARMOURED POWER CABLES

		ARMOURED					UNARMOURED								CURRENT RATINGS		
No. of No. of cores & cross sectional area	Min. No of Wires	Thicknes s of XLPE Insulatio n (Nom.)	Nominal Dimension of Armour	Min. Thickness of PVC Outer Sheath	Overall Diameter (Approx.)	Approx. Net Wt. of Cable	Thickness of PVC Insulation (Nom.)	Nom.Diamension of Armour Wire	Overall Diameter (Approx)	Approx. Wt of Cable	Max. D.C. Resistanc e at 20	Max. A.C. Resistanc e at 702	Approx. Resistance at 50 Hz	Approx. Capacitance	Direct in Ground Amps	In Duct Amps	In Air Amps
		(mm)	(mm)	(mm)	(mm)	(Kg/Km)	(mm)	(mm)	(mm)	(Kg/Km)	Ohms/ Km	Ohms/ Km	Ohms/K m	mFd/Km	Amps	Amps	Amps
1CX4	7	1.3	1.4	1.24	10.9	173	1.00	1.80	8.6	114	4.61	5.52	0.158	0.47	39	38	35
1C X5	7	1.3	1.4	1.24	11.4	204	1.00	1.80	9.1	142	3.08	3.69	0.148	0.56	49	48	44
1C X10	7	1.3	1.4	1.24	12.3	259	1.00	1.80	10.1	190	1.83	2.19	0.138	0.67	65	64	60
1C X 16	7	1.3	1.4	1.24	13.1	320	1.00	1.80	10.8	248	1.15	1.38	0.128	0.81	85	83	82
1C X 25	7	1.5	1.4	1.24	14.7	440	1.20	1.80	12.4	357	0.727	0.87	0.120	0.87	110	110	110
1C X 35	7	1.5	1.4	1.24	15.7	548	1.20	1.80	13.4	458	0.524	0.627	0.114	1.00	135	125	130
1C X 50	7	1.7	1.4	1.24	17.2	696	1.40	1.80	14.9	595	0.387	0.463	0.110	1.03	155	150	165
1C X 70	19	1.7	1.4	1.40	19.1	930	1.40	1.80	16.5	805	0.268	0.321	0.103	1.21	190	175	205
1C X 95	19	1.9	1.6	1.40	21.6	1243	1.60	1.80	18.6	1081	0.193	0.231	0.101	1.27	220	200	245
1C X 120	19	1.9	1.6	1.40	23.7	1515	1.60	2.00	21.1	1332	0.153	0.184	0.096	1.42	250	220	280
1C X 150	19	2.1	1.6	1.40	24.8	1802	1.80	2.00	22.2	1630	0.124	0.149	0.094	1.42	280	245	320
1C X 185	37	2.3	1.6	1.40	27.1	2198	2.00	2.00	24.5	2013	0.0991	0.12	0.092	1.44	305	260	370
1C X 240	37	2.5	1.6	1.56	30.2	2822	2.20	2.00	27.3	2592	0.0754	0.091	0.090	1.53	345	285	425
1C X 300	37	2.8	2.0	1.56	33.7	3542	2.40	2.00	29.8	3202	0.0601	0.074	0.088	1.56	375	310	475
1C X 400	61	3.0	2.0	1.56	37.1	4412	2.60	2.20	33.6	4070	0.0470	0.059	0.088	1.56	400	335	550
1C X 500	61	3.4	2.0	1.72	41.2	5585	3.00	2.20	37.4	5175	0.0366	0.046	0.087	1.57	425	355	590
1C X 630	61	3.9	2.0	1.88	46.2	7138	3.40	2.40	42.2	6664	0.0283	0.037	0.086	1.57	470	375	660
1C X 800	91	3.9	2.0	1.88	52.0	9000	3.40	2.40	48.0	8248	0.0221	0.031	0.083	1.75	530	425	743
1C X 1000	91	4.0	2.5	2.04	57.3	11167	3.40	2.60	52.2	10419	0.0176	0.027	0.082	1.94	585	467	830

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

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

Factory Office : Kshireshwarnath 4, Mahendranagar, Dhanusha, Nepal

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