



Janaki Cable Industry Ltd

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



4 CORE ALUMINIUM PVC ARMoured & UNARMoured POWER CABLES

No. of Cores & Cross sectional area	Min. No. of wires	Thickness of PVC Insulation (Nom)	Min. Thickness of PVC inner sheath mm	ARMoured								UNARMoured			Max. DC Resistance at 20	Max. AC Resistance at 70	Approx. Reactance at 50 Hz	Approx. Capacitance	CURRENT RATINGS		
				Nominal Dimensions of Armour		Min. Thickness of PVC Outer Sheath		Overall Diameter (Approx		Approx. Net Wt. of Cable		Nom. Thickness of Outer Sheath	Overall Diameter (Approx)	Net Wt. of Cable (Approx)					Direct in Ground	In Duct	In Air
				Strip mm	Wire mm	Strip mm	Wire mm	Strip mm	Wire mm	Strip (Kg/Km)	Wire (Kg/Km)	mm	mm	Kg/Km				mFd/Km	Amps	Amps	Amps
4CX1.5	1	0.8	0.3	—	1.40	—	1.24	—	14.5	—	470	1.80	11.70	210	18.10	21.72	0.126	0.140	16	14	13
4Cx2.5	1	0.9	0.3	—	1.40	—	1.24	—	16.0	—	560	1.80	13.20	270	12.10	14.52	0.119	0.150	21	18	18
4Cx4	1	1.0	0.3	—	1.40	—	1.24	—	17.5	—	675	1.80	15.00	340	7.41	8.89	0.116	0.410	28	23	23
4Cx6	1	1.0	0.3	—	1.40	—	1.24	—	19.0	—	800	1.80	16.00	420	4.61	5.53	0.110	0.470	35	30	30
4Cx10	1	1.0	0.3	4x0.8	1.60	1.40	1.40	21.5	23.0	800	1030	1.80	19.00	510	3.08	3.70	0.100	0.560	46	39	40
4Cx16	7	1.0	0.3	4x0.8	1.60	1.40	1.40	22.2	23.8	727	966	2.00	22.40	553	1.91	2.29	0.097	0.760	60	50	51
4Cx25	7	1.2	0.3	4x0.8	1.60	1.40	1.40	23.6	25.2	915	1165	2.00	23.80	728	1.20	1.44	0.097	0.860	76	63	70
4Cx35	7	1.2	0.3	4x0.8	1.60	1.40	1.56	25.9	27.8	1097	1396	2.00	26.10	886	0.868	1.04	0.097	0.980	92	77	86
4Cx50	7	1.4	0.4	4x0.8	2.00	1.56	1.56	30.3	32.7	1432	1935	2.20	30.60	1187	0.641	0.77	0.094	1.020	110	95	105
4Cx70	19	1.4	0.4	4x0.8	2.00	1.56	1.56	33.4	35.8	1781	2336	2.20	33.70	1505	0.443	0.53	0.090	1.180	135	115	130
4Cx95	19	1.6	0.4	4x0.8	2.00	1.72	1.72	38.2	40.6	2311	2948	2.40	38.60	1997	0.320	0.38	0.090	1.200	165	140	155
4Cx120	19	1.6	0.5	4x0.8	2.00	1.88	1.88	41.7	44.1	2762	3453	2.40	41.70	2390	0.253	0.30	0.087	1.310	185	155	180
4Cx150	19	1.8	0.5	4x0.8	2.50	1.88	2.04	44.7	48.4	3246	4387	2.60	45.10	2885	0.206	0.25	0.087	1.310	210	175	205
4Cx185	37	2.0	0.6	4x0.8	2.50	2.04	2.20	50.1	53.8	3982	5245	2.80	50.80	3615	0.164	0.20	0.087	1.310	235	200	240
4Cx240	37	2.2	0.6	4x0.8	2.50	2.36	2.36	56.7	60.1	5038	6445	3.00	57.20	4587	0.125	0.15	0.087	1.340	275	235	280
4Cx300	37	2.4	0.7	4x0.8	3.15	2.52	2.68	62.9	68.0	6109	8376	3.40	64.10	5716	0.100	0.12	0.086	1.410	305	260	315
4Cx400	61	2.6	0.7	4x0.8	3.15	2.84	2.84	70.6	75.3	7640	10124	3.60	71.50	7157	0.0778	0.09	0.086	1.450	335	290	375

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