



4 CORE COPPER XLPE ARMOURED POWER CABLES

No. of Cores & cross sectional area	Min. No. of wires	Thickness of XLPE Insulation (Nom)	Min. Thickness of PVC inner sheath	Nominal Dimensions of Armour		Min. Thickness of PVC Outer Sheath		Overall Diameter (Approx)		Approx. Net Wt. of Cable		Max. DC Resistance at 20°C	Max. AC Resistance at 90°C	Approx. Reactance at 50 Hz	Approx. Capacitance	Current Ratings	
				Strip mm	Wire mm	Wire mm	Strip mm	Wire mm	Strip mm	Wire Kg/Km	Strip Kg/Km					Direct in Ground Amps	In Air Amps
4CX16	7	0.70	0.3	4x0.8	1.60	1.40	1.40	22.8	21.2	1249	1026	1.15	1.47	0.080	0.36	92	79
4CX25	7	0.90	0.3	4x0.8	1.60	1.40	1.40	23.8	22.2	1645	1406	0.727	0.930	0.080	0.20	119	108
4CX35	7	0.90	0.3	4x0.8	1.60	1.40	1.40	26.0	24.4	2070	1816	0.524	0.671	0.080	0.23	144	132
4CX50	7	1.00	0.3	4x0.8	1.60	1.56	1.56	29.5	27.9	2676	2375	0.387	0.495	0.078	0.24	174	162
4CX70	19	1.10	0.4	4x0.8	2.00	1.56	1.56	34.1	31.7	3791	3259	0.268	0.343	0.077	0.26	210	198
4CX95	19	1.10	0.4	4x0.8	2.00	1.72	1.56	37.9	35.2	4938	4308	0.193	0.247	0.074	0.29	252	240
4C X 120	19	1.20	0.5	4x0.8	2.00	1.88	1.72	41.9	39.1	6042	5362	0.153	0.196	0.072	0.29	288	276
4C X 150	19	1.40	0.5	4x0.8	2.50	2.04	1.88	46.3	42.6	7611	6517	0.124	0.159	0.072	0.29	324	318
4C X 185	37	1.60	0.5	4x0.8	2.50	2.20	2.04	51.5	47.8	9298	8079	0.0991	0.127	0.072	0.29	360	366
4C X 240	37	1.70	0.6	4x0.8	2.50	2.36	2.20	57.5	53.8	11794	10423	0.0754	0.0965	0.072	0.31	414	426
4C X 300	37	1.80	0.7	4x0.8	3.15	2.52	2.36	64.5	59.5	15019	12895	0.0601	0.0769	0.071	0.33	462	480
4C X 400	61	2.00	0.7	4x0.8	3.15	2.84	2.68	72.1	67.1	18752	16352	0.0470	0.0602	0.070	0.33	510	546

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Factory Office : Kshreshwarnath 4, Mahendranagar, Dhanusha, Nepal

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



4 CORE COPPER XLPE UNARMoured POWER CABLES

No. of Cores & Cross sectional Area	Min. No. of wires	Thickness of XLPE Insulation (Nom)	Min. Thickness of PVC inner sheath	Min. Thickness of PVC outer sheath	Overall Diameter (Approx)	Approx. Net Wt. of Cable	Max. DC Resistance at 20°C	Max. AC Resistance at 90°C	Approx. Reactance at 50 Hz	Approx. Capacitance	CURRENT RATINGS	
mm ²		mm	mm	mm	mm	Kg/Km	Ohm/Km	Ohm/Km	Ohm/Km	mFd/Km	Direct in Ground Amps	In Air Amps
4CX16	7	0.70	0.3	1.80	21.0	843	1.15	1.47	0.080	0.36	92	79
4CX25	7	0.90	0.3	2.00	22.4	1232	0.727	0.930	0.080	0.20	119	108
4CX35	7	0.90	0.3	2.00	24.6	1620	0.524	0.671	0.080	0.23	144	132
4CX50	7	1.00	0.3	2.00	27.8	2125	0.387	0.495	0.078	0.24	174	162
4CX70	19	1.10	0.4	2.20	32.0	3000	0.268	0.343	0.077	0.26	210	198
4CX95	19	1.10	0.4	2.20	35.5	4013	0.193	0.247	0.074	0.29	252	240
4C X 120	19	1.20	0.5	2.40	39.5	5043	0.153	0.196	0.072	0.29	288	276
4C X 150	19	1.40	0.5	2.60	43.0	6176	0.124	0.159	0.072	0.29	324	318

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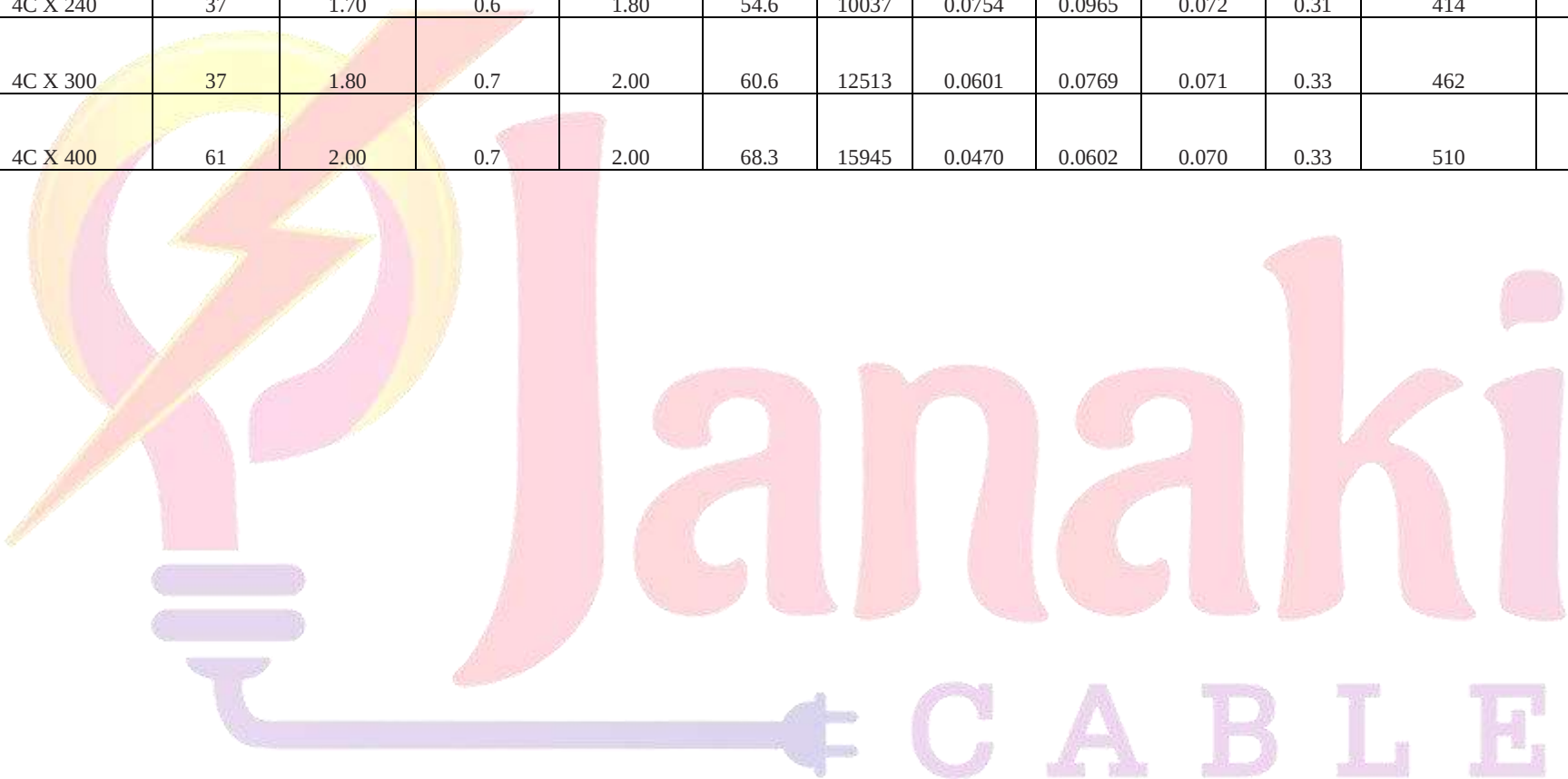


Janaki Cable Industry Ltd

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



4C X 185	37	1.60	0.5	2.80	48.3	7701	0.0991	0.127	0.072	0.29	360	366
4C X 240	37	1.70	0.6	1.80	54.6	10037	0.0754	0.0965	0.072	0.31	414	426
4C X 300	37	1.80	0.7	2.00	60.6	12513	0.0601	0.0769	0.071	0.33	462	480
4C X 400	61	2.00	0.7	2.00	68.3	15945	0.0470	0.0602	0.070	0.33	510	546



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