



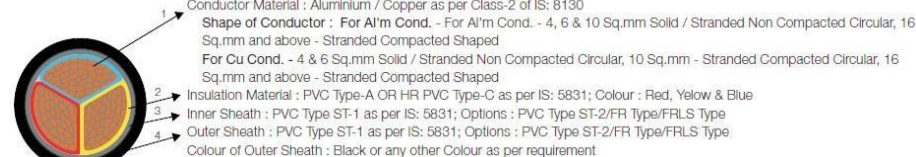
THREE CORE ALUMINIUM PVC ARMoured & UNARMoured POWER CABLES

No of cores & cross sectional area	Min No of Wires	Thickness of pvc insulation (Nom)	Min Thickness of pvc inner sheath	ARMoured								UNARMoured			Max D.C Resistance at 20	Max A.C Resistance at 70	Approx Reactance at 50 Hz	Approx Capacitance	CURRENT RATING	
				Nominal Dimension of Armour		Min. Thickness of pvc outer sheath (approx)		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 Air
				Wire	Strip	wire	strip	Wire	Strip	Wire	Strip									
		(MM)	(MM)	(MM)	(MM)	(MM)	(MM)	(MM)	(MM)	(Kg/Km)	(Kg/Km)	(MM)	(MM)	(Kg/Km)	Ohms/Km	Ohms/Km	Ohm/Km	mFd/Km	Amps.	Amps.
3 C X1.5	-	0.8	0.3	1.4	-	1.24	-	12.5	-	375	-	1.8	11.5	130	18.100	21.7000	0.1120	0.38	16	13
3 C X2.5	-	0.9	0.3	1.4	-	1.24	-	14.0	-	425	-	1.8	12.5	170	12.100	14.5000	0.1100	0.41	21	18
3 CX 4	-	1.0	0.3	1.4	-	1.24	-	15.5	-	500	-	1.8	13.5	210	7.410	8.9000	0.1050	0.45	28	23
3 C X6	-	1.0	0.3	1.4	-	1.24	-	17.0	-	575	-	1.8	15.0	255	4.610	5.5400	0.0988	0.52	35	30
3 C X10	-	1.0	0.3	1.4	-	1.4	-	19.0	-	700	-	1.8	16.5	325	3.080	3.7000	0.0938	0.60	46	40
3 C X16	6	1.0	0.3	-	0.8	-	1.40	-	20.0	-	650	1.8	17.5	360	1.910	2.3000	0.0862	0.80	60	51
3 C X25	6	1.2	0.3	-	0.8	-	1.40	-	22.0	-	800	2.0	22.0	520	1.200	1.4400	0.0854	0.84	76	70
3 C X35	6	1.2	0.3	-	0.8	-	1.40	-	25.0	-	950	2.0	23.0	640	0.868	1.0400	0.0827	0.96	92	86
3 C X50	6	1.4	0.3	-	0.8	-	1.56	-	27.0	-	1200	2.0	27.0	850	0.641	0.7700	0.0825	0.98	110	105
3 C X70	12	1.4	0.4	-	0.8	-	1.56	-	31.0	-	1500	2.2	31.0	1110	0.443	0.5330	0.0771	1.12	135	130
3 C X95	15	1.6	0.4	-	0.8	-	1.56	-	34.0	-	1900	2.2	33.0	1425	0.320	0.3850	0.0767	1.16	165	155
3 C X120	15	1.6	0.4	-	0.8	-	1.72	-	38.0	-	2240	2.2	36.0	1690	0.253	0.3050	0.0744	1.28	185	180
3 C X150	15	1.8	0.5	-	0.8	-	1.88	-	42.0	-	2700	2.4	41.0	2120	0.206	0.2490	0.0745	1.26	210	205
3 C X185	30	2.0	0.5	-	0.8	-	1.88	-	46.0	-	3200	2.6	45.0	2600	0.164	0.1980	0.0744	1.28	235	240
3 C X240	30	2.2	0.6	-	0.8	-	2.20	-	52.0	-	3990	2.8	50.0	3290	0.125	0.1520	0.0740	1.31	275	280
3 C X300	30	2.4	0.6	-	0.8	-	2.36	-	56.5	-	4850	3.0	55.5	4050	0.100	0.1220	0.0732	1.35	305	315
3 CX 400	53	2.6	0.7	-	0.8	-	2.52	-	64.0	-	6100	3.4	63.5	5290	0.078	0.0961	0.0727	1.40	335	375
3 C X500	53	3.0	0.7	-	0.8	-	2.84	-	72.0	-	7600	3.8	71.0	6570	0.061	-	-	-	350	410

Cross-sectional view



Cross-sectional view



UNARMoured CABLES

ARMoured CABLES

