

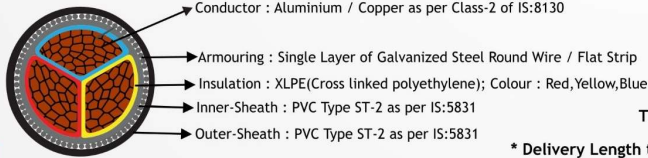
TABLE-6 "MEGACAB" THREE CORE COPPER CONDUCTOR, XLPE INSULATED

UNARMoured & ARMoured CABLE CONFORMING TO IS 7098 PART-1/1988

650/1100 VOLTS | Weight & Dimension

Cable Code : 2XY / 2XFY / 2XWY

Nominal Size of Conductor	Form of conductor Circular	Nominal thickness of XLPE Insulation for U/A	Minimum thickness of PVC Inner sheath	Unarmoured Cable			Formed Wire / Strip Armoured Cable				Round wire Armoured Cable			Current rating		* Normal Delivery Length	
				Nominal Thickness of PVC Outer Sheath	Approx Overall Diameter of Cable	Approx weight of Cable	Nominal Dimension of Aluminium flat strip	Minimum Thickness of PVC Outer Sheath	Approx Overall Diameter of Cable	Approx weight of Cable	Nominal Dimension of Aluminium Round wire	Minimum Thickness of PVC Outer Sheath	Approx Overall Diameter of Cable	Approx weight of Cable	In Ground		In Air
Sq. mm.	-	mm	mm	mm	mm	Kgs/Km	mm	mm	mm	Kgs/mm	mm	mm	mm	kgs/km	Amps.	Amps.	Amps.
4	Solid	0.7	0.3	1.8	14.0	210	- NA -	- NA -	- NA -	- NA -	1.40	1.24	15.0	530	43	36	1000
4	Stranded	0.7	0.3	1.8	15.5	235	- NA -	- NA -	- NA -	- NA -	1.40	1.24	16.0	580	43	36	1000
6	Solid	0.7	0.3	1.8	15.5	280	- NA -	- NA -	- NA -	- NA -	1.40	1.24	16.0	640	54	47	1000
6	Stranded	0.7	0.3	1.8	16.0	300	- NA -	- NA -	- NA -	- NA -	1.40	1.24	17.0	680	54	47	1000
10	Stranded	0.7	0.3	1.8	18.0	415	- NA -	- NA -	- NA -	- NA -	1.40	1.24	19.0	865	72	62	1000
16	Stranded	0.7	0.3	1.8	18.0	425	4 X 0.8	1.24	18.5	825	1.60	1.40	21.0	1040	92	79	1000
25	Stranded	0.9	0.3	2.0	20.2	920	- do -	1.40	20.5	1235	1.60	1.40	23.0	1450	119	108	1000
35	Stranded	0.9	0.3	2.0	21.5	1225	- do -	1.40	23.0	1550	1.60	1.40	25.0	1800	144	132	1000
50	Stranded	1.0	0.3	2.0	24.5	1620	- do -	1.40	25.5	2020	1.60	1.56	27.5	2320	174	162	1000
70	Stranded	1.1	0.4	2.0	29.0	2290	- do -	1.56	30.0	2720	2.00	1.56	32.0	3250	210	198	500
95	Stranded	1.1	0.4	2.2	32.5	3010	- do -	1.56	33.5	3500	2.00	1.56	37.5	4060	252	240	500
120	Stranded	1.2	0.4	2.2	34.5	3750	- do -	1.56	35.5	4320	2.00	1.72	39.5	4920	288	276	500
150	Stranded	1.4	0.5	2.4	38.5	4760	- do -	1.72	40.5	5280	2.00	1.88	43.5	5980	324	318	500
185	Stranded	1.6	0.5	2.6	43.5	5810	- do -	1.88	44.5	6385	2.50	2.04	48.5	7630	360	366	500
240	Stranded	1.7	0.6	2.8	48.5	7450	- do -	2.04	49.0	8150	2.50	2.20	53.0	9550	414	426	500
300	Stranded	1.8	0.6	3.0	51.5	9310	- do -	2.20	53.0	10060	2.50	2.36	57.5	11460	462	480	500
400	Stranded	2.0	0.7	3.4	59.5	12200	- do -	2.52	58.5	13125	3.15	2.68	65.0	15320	510	546	250



The above data is approximate and Subject to manufacturing tolerance

* Delivery Length tolerance +/- 5 %. Length more than normal as per customer request.