

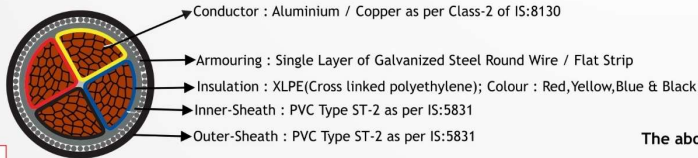
TABLE-10 "MEGACAB" FOUR CORE COPPER CONDUCTOR, XLPE INSULATED

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	15.0	260	- NA -	- NA -	- NA -	- NA -	1.40	1.24	16.5	610	43	36	1000
4	Stranded	0.7	0.3	1.8	16.0	280	- NA -	- NA -	- NA -	- NA -	1.40	1.24	17.5	660	43	36	1000
6	Solid	0.7	0.3	1.8	16.5	350	- NA -	- NA -	- NA -	- NA -	1.40	1.24	17.5	730	54	47	1000
6	Stranded	0.7	0.3	1.8	17.5	365	- NA -	- NA -	- NA -	- NA -	1.40	1.24	18.5	775	54	47	1000
10	Stranded	0.7	0.3	1.8	18.5	510	- NA -	- NA -	- NA -	- NA -	1.40	1.40	20.5	1010	72	62	1000
16	Stranded	0.7	0.3	1.8	17.5	750	4 X 0.8	1.40	20.0	1050	1.60	1.40	21.0	1275	92	79	1000
25	Stranded	0.9	0.3	2.0	21.0	1170	- do -	1.40	23.0	1520	1.60	1.40	25.0	1770	119	108	1000
35	Stranded	0.9	0.3	2.0	23.5	1550	- do -	1.40	25.0	1915	1.60	1.40	26.5	2190	144	132	1000
50	Stranded	1.0	0.3	2.0	26.0	2110	- do -	1.56	28.0	2510	1.60	1.56	29.5	2875	174	162	1000
70	Stranded	1.1	0.4	2.2	30.5	2925	- do -	1.56	32.0	3430	2.00	1.56	34.0	3900	210	198	1000
95	Stranded	1.1	0.5	2.2	33.5	3880	- do -	1.56	35.0	4450	2.00	1.72	38.0	5125	252	240	1000
120	Stranded	1.2	0.5	2.4	37.5	4825	- do -	1.72	39.0	5575	2.00	1.88	42.0	6225	288	276	500
150	Stranded	1.4	0.6	2.6	42.0	6000	- do -	1.88	43.5	6710	2.50	2.04	47.0	7890	324	318	500
185	Stranded	1.6	0.6	2.8	46.5	7380	- do -	2.04	48.0	8225	2.50	2.20	52.0	9580	360	366	500
240	Stranded	1.7	0.6	3.0	52.5	6950	- do -	2.20	54.0	10340	2.50	2.36	57.5	12000	414	426	500
300	Stranded	1.8	0.7	3.2	58.0	12025	- do -	2.36	59.5	13025	3.15	2.52	64.5	15275	462	480	250



The above data is approximate and Subject to manufacturing tolerance

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