

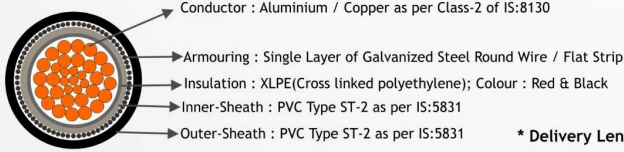
TABLE-2 "MEGACAB" SINGLE CORE COPPER CONDUCTOR, XLPE INSULATED

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

650/1100 VOLTS | Weight & Dimension

Cable Code : 2XY / 2XFaY / 2XWaY

Nominal Size of Conductor	Form of conductor Circular	Nominal thickness of XLPE Insulation for U/A	Minimum thickness of PVC Inner sheath	Unarmoured Cable			Nominal thickness of XLPE Insulation for Armoured 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	mm	Kgs/mm	mm	mm	mm	kgs/Km	Amps.	Amps.	Amps.
4	Solid	0.7	- NA -	1.8	7.5	91	-	-	-	-	-	-	-	-	-	47	42	1000
4	Stranded	0.7	- NA -	1.8	8.0	95	-	-	-	-	-	-	-	-	-	47	42	1000
6	Solid	0.7	- NA -	1.8	8.0	115	-	-	-	-	-	-	-	-	-	59	53	1000
6	Stranded	0.7	- NA -	1.8	9.0	125	-	-	-	-	-	-	-	-	-	59	53	1000
10	Stranded	0.7	- NA -	1.8	9.5	170	1.0	-	-	-	-	1.4	1.24	12.0	245	78	72	1000
16	Stranded	0.7	- NA -	1.8	10.0	220	1.0	-	-	-	-	1.4	1.24	13.0	315	102	98	1000
25	Stranded	0.9	- NA -	1.8	12.0	325	1.2	-	-	-	-	1.4	1.24	14.0	415	132	132	1000
35	Stranded	0.9	- NA -	1.8	13.0	420	1.2	-	-	-	-	1.4	1.24	15.0	525	156	156	1000
50	Stranded	1.0	- NA -	1.8	14.0	550	1.3	-	-	-	-	1.4	1.24	17.0	690	186	198	1000
70	Stranded	1.1	- NA -	1.8	16.0	750	1.4	-	-	-	-	1.4	1.24	19.0	910	228	246	1000
95	Stranded	1.1	- NA -	1.8	17.5	1010	1.4	4x 0.80	1.40	21.0	1150	1.6	1.40	22.0	1325	264	294	1000
120	Stranded	1.2	- NA -	1.8	19.0	1250	1.5	4x 0.80	1.40	22.0	1400	1.6	1.40	23.5	1485	300	336	1000
150	Stranded	1.4	- NA -	2.0	21.5	1550	1.7	4x 0.80	1.40	23.0	1680	1.6	1.40	24.5	1780	336	384	1000
185	Stranded	1.6	- NA -	2.0	23.5	1900	1.9	4x 0.80	1.40	25.0	2040	1.6	1.40	26.5	2140	366	444	1000
240	Stranded	1.7	- NA -	2.0	26.0	2450	2.0	4x 0.80	1.40	27.5	2580	1.6	1.40	29.0	2700	414	510	1000
300	Stranded	1.8	- NA -	2.0	28.5	3050	2.1	4x 0.80	1.56	30.0	3200	1.6	1.56	31.5	3325	450	570	500
400	Stranded	2.0	- NA -	2.2	33.0	4035	2.4	4x 0.80	1.56	34.0	4200	2.0	1.56	36.5	4400	480	660	500
500	Stranded	2.2	- NA -	2.2	36.0	5020	2.6	4x 0.80	1.56	37.5	5180	2.0	1.56	39.5	5400	564	708	500
630	Stranded	2.4	- NA -	2.	40.0	6250	2.8	4x 0.80	1.72	40.5	6425	2.0	1.72	43.0	6700	570	825	500
800	Stranded	2.6	- NA -	2.4	46.0	7900	3.1	4x 0.80	1.72	46.5	8100	2.0	1.88	49.5	8400	660	945	500
1000	Stranded	2.8	- NA -	2.6	52.0	9850	3.3	4x 0.80	1.88	54.0	10150	2.5	2.04	58.0	10660	723	1063	500



The above data is approximate and Subject to manufacturing tolerance
 * Delivery Length tolerance +/- 5 %. Length more than normal as per customer request.