

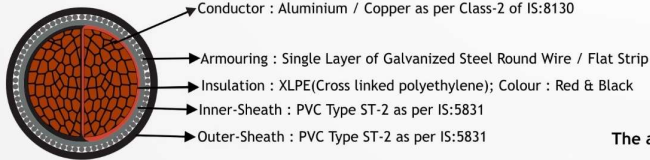
TABLE-4 "MEGACAB" TWO CORE COPPER CONDUCTOR, XLPE INSULATED

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	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/Km	mm	mm	mm	mm	kgs/km	Amps.	Amps.	Amps.
4	Solid	0.7	0.3	1.8	12.5	165	- NA -	- NA -	- NA -	- NA -	1.4	1.24	14.5	480	51	44	1000	
4	Stranded	0.7	0.3	1.8	13.0	175	- NA -	- NA -	- NA -	- NA -	1.4	1.24	15.5	525	51	44	1000	
6	Solid	0.7	0.3	1.8	13.5	210	- NA -	- NA -	- NA -	- NA -	1.4	1.24	15.5	564	63	56	1000	
6	Stranded	0.7	0.3	1.8	14.0	225	- NA -	- NA -	- NA -	- NA -	1.4	1.24	16.5	610	63	56	1000	
10	Stranded	0.7	0.3	1.8	16.0	300	- NA -	- NA -	- NA -	- NA -	1.4	1.40	18.0	740	88	75	1000	
16	Stranded	0.7	0.3	1.8	14.0	425	- NA -	- NA -	- NA -	- NA -	1.4	1.40	17.0	770	113	98	1000	
25	Stranded	0.9	0.3	2.0	17.0	640	4 x 0.8	1.40	18.5	910	1.6	1.40	20.0	1100	144	131	1000	
35	Stranded	0.9	0.3	2.0	19.0	840	-do-	1.40	20.0	1025	1.6	4.10	22.0	1350	175	150	1000	
50	Stranded	1.0	0.3	2.0	21.0	1120	-do-	1.40	22.5	1435	1.6	1.56	24.0	1670	206	194	1000	
70	Stranded	1.1	0.3	2.0	23.0	1540	-do-	1.56	25.5	1910	1.6	1.56	27.0	2200	256	244	1000	
95	Stranded	1.1	0.4	2.2	26.5	2075	-do-	1.56	28.0	2475	2.0	1.56	30.5	2925	300	288	500	
120	Stranded	1.2	0.4	2.2	28.5	2535	-do-	1.56	30.5	2985	2.0	1.56	33.0	3485	344	331	500	
150	Stranded	1.4	0.4	2.2	32.0	3070	-do-	1.72	34.0	3600	2.0	1.72	36.0	4100	388	381	500	
185	Stranded	1.6	0.5	2.4	35.5	3800	-do-	1.72	37.0	4490	2.0	1.88	40.0	5040	438	438	500	
240	Stranded	1.7	0.5	2.6	39.5	4870	-do-	1.88	41.0	5575	2.5	2.04	45.0	7370	506	512	500	
300	Stranded	1.8	0.6	2.8	43.5	6075	-do-	2.04	45.5	6910	2.5	2.20	49.0	9010	562	581	500	
400	Stranded	2.0	0.6	3.0	49.0	8050	-do-	2.36	51.0	8950	2.5	2.36	54.4	10250	612	662	500	



The above data is approximate and Subject to manufacturing tolerance

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