

TABLE-8 "MEGACAB" THREE AND HALF 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 Dimesn - sion of Aluminium flat strip	Minimum Thickness of PVC Outer Sheath	Approx Overall Diameter of Cable	Approx weight of Cable	Nominal Dimesn - sion 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	mm	Kgs/Km	mm	mm	mm	Kgs/mm	mm	mm	mm	kgs/km	Amps.	Amps.	Amps.
25/16	Stranded	0.9	0.7	0.3	2.0	22.0	1080	4 X 0.8	1.40	23.0	1410	1.60	1.40	24.0	1610	119	108	1000
35/16	Stranded	0.9	0.7	0.3	2.0	24.0	1370	- do -	1.40	25.5	1725	1.60	1.40	26.0	1950	144	132	1000
50/25	Stranded	1.0	0.9	0.3	2.0	27.5	1875	- do -	1.40	28.0	2325	1.60	1.56	29.0	2580	174	162	1000
70/35	Stranded	1.1	0.9	0.4	2.2	31.0	2620	- do -	1.56	32.0	3110	2.00	1.56	34.0	3560	210	198	500
95/50	Stranded	1.1	1.0	0.4	2.2	35.0	3490	- do -	1.56	36.0	3930	2.00	1.56	37.5	4525	252	240	500
120/70	Stranded	1.2	1.1	0.4	2.2	39.0	4315	- do -	1.72	40.0	4960	2.00	1.72	41.0	5460	288	276	500
150/70	Stranded	1.4	1.1	0.5	2.4	43.0	5220	- do -	1.72	44.0	5870	2.00	1.88	45.0	6570	324	318	500
185/95	Stranded	1.6	1.1	0.5	2.6	48.0	6575	- do -	1.88	50.0	7275	2.50	2.04	50.0	8520	360	366	500
240/120	Stranded	1.7	1.2	0.6	2.8	54.0	8400	- do -	2.04	55.0	9300	2.50	2.20	56.0	10650	414	426	500
300/150	Stranded	1.8	1.4	0.6	3.0	57.0	10500	- do -	2.20	58.0	11500	2.50	2.36	61.0	12400	462	480	500
400/185	Stranded	2.0	1.6	0.7	3.4	65.0	13820	- do -	2.52	66.0	14720	3.15	2.68	70.0	16875	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.

