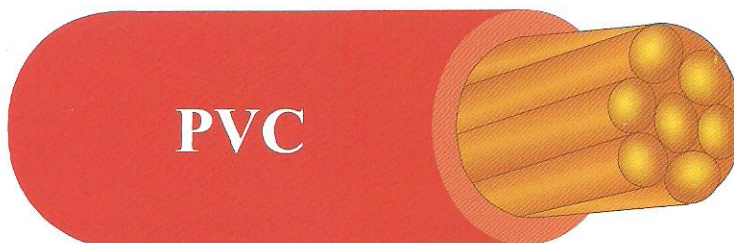


MEGA KABEL PRODUCTS SPECIFICATION

• PVC INSULATED CABLES •



CONSTRUCTION

CONDUCTOR	:	PLAIN ANNEALED COPPER CONDUCTOR
INSULATION	:	PVC
COLOUR OF INSULATION	:	RED, YELLOW, BLUE, GREEN, BLACK AND WHITE
SHEATH	:	PVC
COLOUR OF CORES	:	SINGLE-CORE : RED OR BLACK, OTHER COLOURS UPON REQUEST
	:	TWIN-CORE : RED AND BLACK
	:	THREE-CORE : RED, YELLOW AND BLUE
	:	FOUR-CORE : RED, YELLOW, BLUE AND BLACK
COLOUR OF SHEATH	:	BLACK/ WHITE/ RED

PVC-INSULATED, NON-SHEATHED CABLES.

MS 136 / BS 6004

450 / 750 VOLTS

MAXIMUM CONDUCTOR TEMPERATURE: 70 °C

Cross Sectional Area of Conductor mm ²	Insulation Thickness mm	Approx. Overall Diameter (Upper Limit) mm	Max. Conductor Resistance at 20°C	Minimum Insulation Resistance at 70 °C MΩ/Km	Approx. Weight Per 100 Meter Kg
			Plain Annealed Copper Ω/Km		
1.5	0.7	3.3	12.10	0.0110	2.1
1.5	0.7	3.5	12.10	0.0100	2.1
2.5	0.8	3.9	7.41	0.0100	3.3
2.5	0.8	4.2	7.41	0.0090	3.2
4	0.8	4.8	4.61	0.0077	4.9
6	0.8	5.4	3.08	0.0065	6.9
10	1.0	6.8	1.83	0.0065	11.6
16	1.0	8.0	1.15	0.0050	17.9
25	1.2	9.8	0.727	0.0050	28.0
35	1.2	11.0	0.524	0.0040	37.5
50	1.4	13.0	0.387	0.0045	50.5
70	1.4	15.0	0.268	0.0035	71.5
95	1.6	17.0	0.193	0.0035	98.5
120	1.6	19.0	0.153	0.0032	122.0
150	1.8	21.0	0.124	0.0032	150.5
185	2.0	23.5	0.0991	0.0032	188.5
240	2.2	26.5	0.0754	0.0032	246.0
300	2.4	29.5	0.0601	0.0030	307.5
400	2.6	33.5	0.0470	0.0028	391.5
500	2.8	37.0	0.0366	0.0028	499.2
630	2.8	41.0	0.0283	0.0025	634.3
*1.25	0.7	3.5	14.6	0.0110	2.0

* Product produce according to Mega Kabel specification.

Notes : Current rating and voltage drop refer to Page A-1