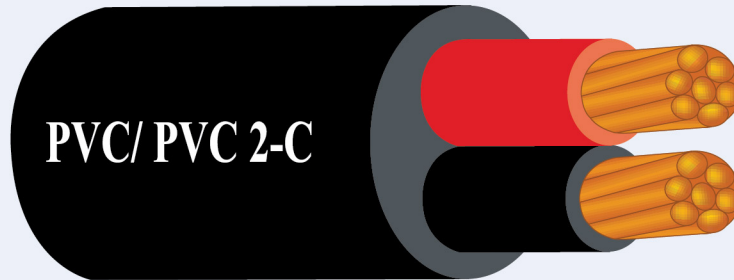


# MEGA KABEL PRODUCTS SPECIFICATION



## CONSTRUCTION

CONDUCTOR	: PLAIN ANNEALED COPPER CONDUCTOR
INSULATION	: PVC COMPOUND
COLOUR OF CORES	: RED, BLACK OR BLUE, BROWN
SHEATH	: PVC COMPOUND
COLOUR OF SHEATH	: BLACK OR GREY
OTHER COLOUR OF CORES & SHEATH	: UPON REQUEST

## PVC-INSULATED, PVC-SHEATHED CABLES.

MS 2112-4 : 2009

300/500 VOLTS

MAXIMUM CONDUCTOR TEMPERATURE: 70 °C

Cross Sectional Area of Conductor mm <sup>2</sup>	Insulation Thickness mm	Sheath Thickness mm	Approx. Overall Diameter		Max. Conductor Resistance at 20 °C Ω/Km	Minimum Insulation Resistance at 70 °C MΩ/Km	Approx. Weight Per 100 Meter Kg
			Lower Limit mm	Upper Limit mm			
1.5	0.7	1.2	7.0	9.3	12.1	0.0100	11.4
2.5	0.8	1.2	8.2	11.2	7.41	0.0090	14.4
4	0.8	1.2	9.2	12.2	4.61	0.0077	19.6
6	0.8	1.2	10.2	13.2	3.08	0.0065	25.9
10	1.0	1.4	12.7	16.3	1.83	0.0065	41.3
16	1.0	1.4	14.3	18.8	1.15	0.0052	59.5
25	1.2	1.4	16.9	22.4	0.727	0.0050	67.4
35	1.2	1.6	19.0	25.5	0.524	0.0044	91.2

BS 6004

300/500 VOLTS

Cross Sectional Area of Conductor mm <sup>2</sup>	Insulation Thickness mm	Sheath Thickness mm	Approx. Overall Diameter		Max. Conductor Resistance at 20 °C Ω/Km	Minimum Insulation Resistance at 70 °C MΩ/Km	Approx. Weight Per 100 Meter Kg
			Lower Limit mm	Upper Limit mm			
2.5 (F/T)	0.8	1.0	5.2 x 8.6	6.6 x 10.5	7.41	0.0100	11.0

Notes: Current rating and voltage drop refer to Page A - 3