

# MEGA KABEL PRODUCTS SPECIFICATION



## CONSTRUCTION

CONDUCTOR	: PLAIN ANNEALED COPPER CONDUCTOR
INSULATION	: PVC COMPOUND
COLOUR OF CORES	: RED, YELLOW AND BLUE
SHEATH	: PVC COMPOUND
COLOUR OF SHEATH	: BLACK
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	7.4	10.2	12.1	0.0100	13.2
2.5	0.8	1.2	8.6	11.7	7.41	0.0090	20.1
4	0.8	1.2	9.7	12.7	4.61	0.0077	24.0
6	0.8	1.4	11.2	14.7	3.08	0.0065	32.0
10	1.0	1.4	13.3	17.8	1.83	0.0065	52.4
16	1.0	1.4	15.3	20.3	1.15	0.0052	76.4
25	1.2	1.6	18.9	24.4	0.727	0.0050	116.2
35	1.2	1.6	20.0	27.0	0.524	0.0044	131.6

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