

MEGA KABEL PRODUCTS SPECIFICATION



CONSTRUCTION

CONDUCTOR	:	PLAIN ANNEALED COPPER CONDUCTOR
INSULATION	:	PVC
BEDDING	:	PVC
ARMOUR	:	GALVANISED STEEL WIRES
SHEATH	:	PVC COMPOUND
COLOUR OF CORES	:	RED, YELLOW AND BLUE
COLOUR OF SHEATH	:	BLACK

PVC INSULATED, PVC SHEATHED ARMoured CABLE

MS 2103

600/1000V

Cross Sectional Area of Conductor	Shape of Conductor	Nominal Insulation Thickness	Nominal diameter of steel wire	Nominal Sheath Thickness	Approx. Overall Diameter	Approx. Cable Weight
mm ²		mm	mm	mm	mm	Kg/Km
1.5	CS	0.80	0.90	1.80	14.3	393
2.5	CS	0.80	0.90	1.80	15.2	456
4	CS	1.00	1.25	1.80	17.8	578
6	CC	1.00	1.25	1.80	18.8	775
10	CC	1.00	1.25	1.80	21.2	1015
16	CC	1.00	1.25	1.80	23.1	1308
25	CC	1.20	1.60	1.80	28.2	1843
35	SS	1.20	1.60	1.80	27.3	2230
50	SS	1.40	1.60	2.00	30.7	2818
70	SS	1.40	2.00	2.10	35.2	3900
95	SS	1.60	2.00	2.20	39.5	4990
120	SS	1.60	2.00	2.30	42.4	5910
150	SS	1.80	2.50	2.50	47.7	7530
185	SS	2.00	2.50	2.70	52.3	9060
240	SS	2.20	2.50	2.90	58.4	11410
300	SS	2.40	2.50	3.10	63.8	13780
400	SS	2.60	3.15	3.40	71.7	16232

Shape	:	CS	:	Circular Stranded Conductor (Class 2)
		CC	:	Circular Compacted Stranded Conductor (Class 2)
		SS	:	Shaped Stranded Conductor (Class 2)

Notes : Current rating and voltage drop refer to Page A-5