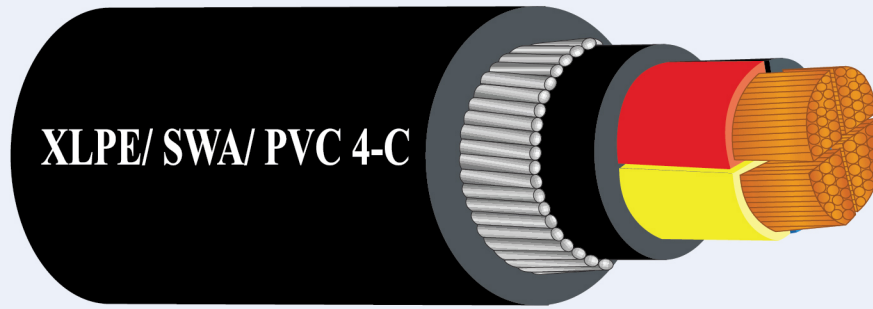


# MEGA KABEL PRODUCTS SPECIFICATION



## CONSTRUCTION

<b>CONDUCTOR</b>	<b>: PLAIN ANNEALED COPPER CONDUCTOR</b>
<b>INSULATION</b>	<b>: XLPE (CROSS-LINKED POLYETHYLENE) RATED 90°C</b>
<b>BEDDING</b>	<b>: PVC</b>
<b>ARMOUR</b>	<b>: GALVANISED STEEL WIRES</b>
<b>SHEATH</b>	<b>: PVC</b>
<b>COLOUR OF CORES</b>	<b>: FOUR CORES : RED, YELLOW, BLUE AND BLACK</b>
<b>COLOUR OF SHEATH</b>	<b>: BLACK</b>

## XLPE INSULATED, PVC SHEATHED ARMoured CABLE

**MS 2107 & IEC 60502**

**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 <sup>2</sup>		mm	mm	mm	mm	Kg/Km
1.5	CS	0.70	0.90	1.80	16.0	420
2.5	CS	0.70	0.90	1.80	17.0	485
4	CS	0.70	0.90	1.80	18.5	590
6	CC	0.70	1.25	1.80	19.5	715
10	CC	0.70	1.25	1.80	21.5	940
16	CC	0.70	1.60	1.80	24.5	1480
25	CC	0.90	1.60	1.80	28.0	1957
35	SS	0.90	1.60	1.90	29.5	2400
50	SS	1.00	1.60	2.00	32.5	3160
70	SS	1.10	2.00	2.20	38.0	4320
95	SS	1.10	2.00	2.30	41.0	5500
120	SS	1.20	2.50	2.50	46.0	7120
150	SS	1.40	2.50	2.60	51.0	8550
185	SS	1.60	2.50	2.80	58.0	10400
240	SS	1.70	2.50	3.00	64.0	13100
300	SS	1.80	2.50	3.20	68.0	15800
400	SS	2.00	3.15	3.50	77.0	21120

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-6