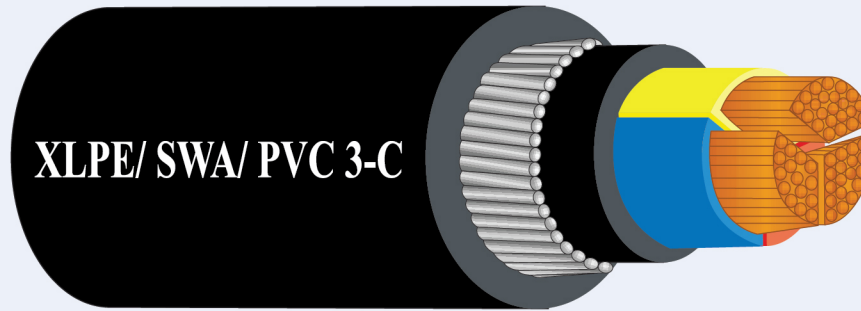


# MEGA KABEL PRODUCTS SPECIFICATION



## CONSTRUCTION

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

## XLPE INSULATED, PVC SHEATHED ARMoured CABLE

MS 2107 & IEC 60502

600/1000V

Cross Sectional Area of Conductor mm <sup>2</sup>	Shape of Conductor	Nominal Insulation Thickness mm	Nominal diameter of steel wire mm	Nominal Sheath Thickness mm	Approx. Overall Diameter mm	Approx. Cable Weight Kg/Km
1.5	CS	0.70	0.90	1.80	15.5	380
2.5	CS	0.70	0.90	1.80	16.0	430
4	CS	0.70	0.90	1.80	17.5	515
6	CC	0.70	0.90	1.80	18.5	610
10	CC	0.70	1.25	1.80	20.0	790
16	CC	0.70	1.25	1.80	22.0	1030
25	CC	0.90	1.60	1.80	26.0	1670
35	SS	0.90	1.60	1.80	26.5	1930
50	SS	1.00	1.60	1.90	29.5	2450
70	SS	1.10	2.00	2.00	34.0	3440
95	SS	1.10	2.00	2.20	37.5	4380
120	SS	1.20	2.00	2.30	40.0	5450
150	SS	1.40	2.50	2.50	47.2	6680
185	SS	1.60	2.50	2.60	49.5	8050
240	SS	1.70	2.50	2.80	55.0	10180
300	SS	1.80	2.50	3.00	59.5	12150
400	SS	2.00	2.50	3.20	66.5	15540

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