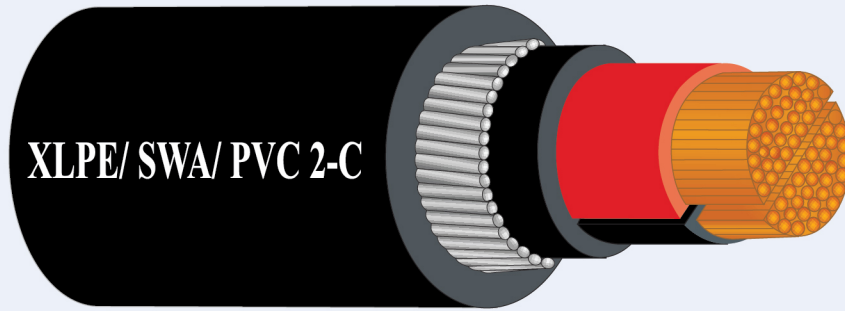


# MEGA KABEL PRODUCTS SPECIFICATION



## 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>	: TWIN-CORE : RED AND BLACK
<b>COLOUR OF SHEATH</b>	: BLACK

## 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	14.5	345
2.5	CS	0.70	0.90	1.80	15.5	390
4	CS	0.70	0.90	1.80	16.5	450
6	CC	0.70	0.90	1.80	18.0	530
10	CC	0.70	1.25	1.80	19.5	675
16	CC	0.70	1.25	1.80	21.5	800
25	SS	0.90	1.60	1.80	22.5	1230
35	SS	0.90	1.60	1.80	24.0	1480
50	SS	1.00	1.60	1.80	26.5	1840
70	SS	1.10	1.60	2.00	29.5	2450
95	SS	1.10	2.00	2.10	33.0	3210
120	SS	1.20	2.00	2.20	36.0	3850
150	SS	1.40	2.00	2.30	39.5	4650
185	SS	1.60	2.50	2.50	44.0	5880
240	SS	1.70	2.50	2.70	48.0	7260
300	SS	1.80	2.50	2.80	52.5	8740
400	SS	2.00	2.50	3.10	58.5	11405

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