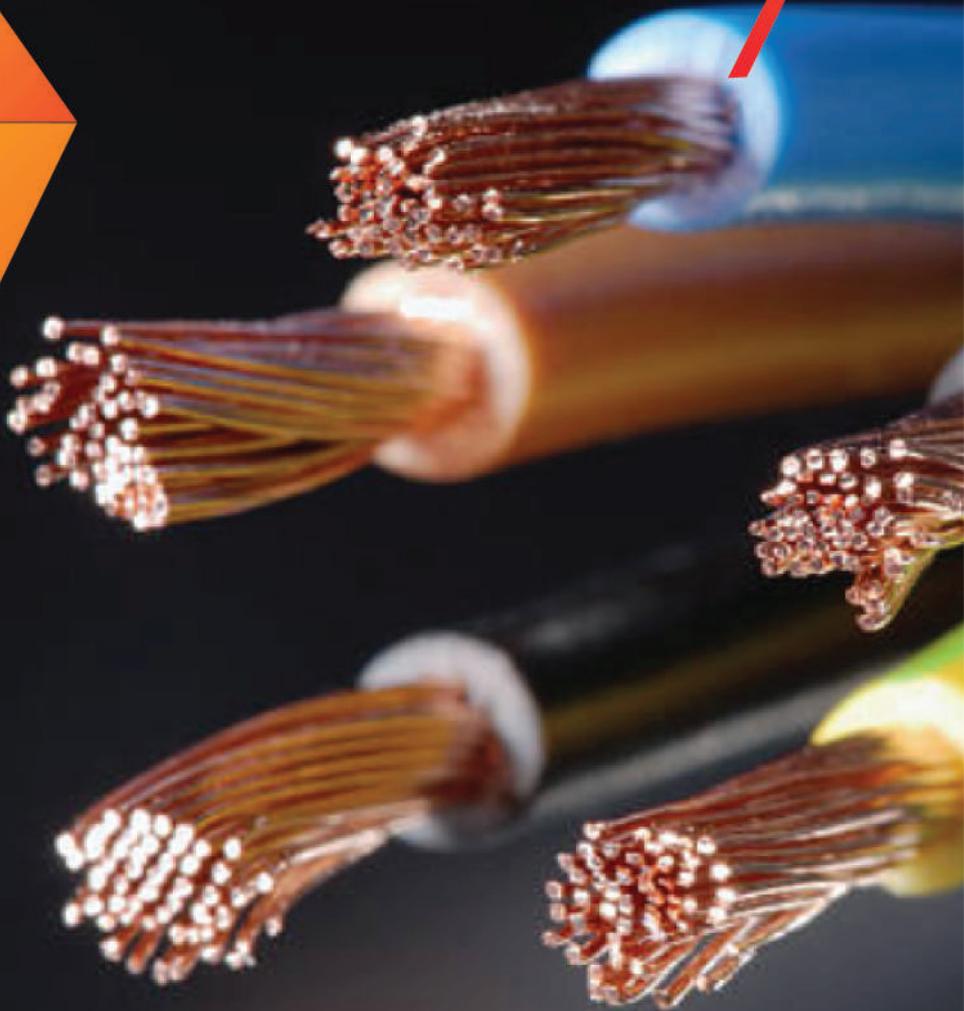




**MPC CABLE**  
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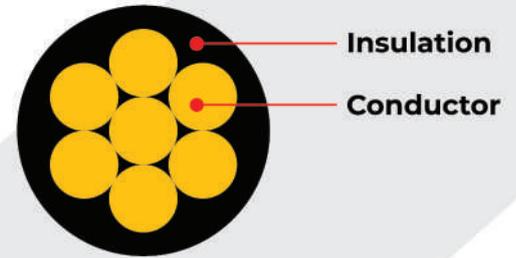
SIRIM QAS CERTIFIED  
MS 2112-3 : 2009  
CERT-NO : PC002586

# PVC CABLE

✓ PVC Insulated    ✓ Non-Sheathed    ✓ General Purpose Cable    ✓ Single Core

## CONSTRUCTION DATA

Specification : MS 2112-3  
Voltage Rating : 450 / 750V  
Conductor : Plain Annealed Copper Wire  
Insulation : PVC Type TI.1



Cross Sectional Area	No. fo Wire / Diameter	Thickness of Insulation	Overall Diameter Approx.	Max. Conductor Resistance at 20°	Min. Insulation Resistance at 20°	Approx. Weight / 100 MTs
mm <sup>2</sup>	mm	mm	mm	ohm / km	M ohm / km	mm
1.5	7 / 0.53	0.7	3.2	12.10	0.01	2.2
2.5	7 / 0.67	0.8	3.7	7.41	0.009	3.1
4.0	7 / 0.85	0.8	4.2	4.61	0.0077	4.8
6.0	7 / 1.04	0.8	4.8	3.08	0.0065	6.7
10.0	7 / 1.35	1.0	6.1	1.83	0.0065	11.4
16.0	7 / 1.70	1.0	7.3	1.15	0.005	17.1
25.0	7 / 2.14	1.2	9.0	0.727	0.005	26.8

“ 100%  
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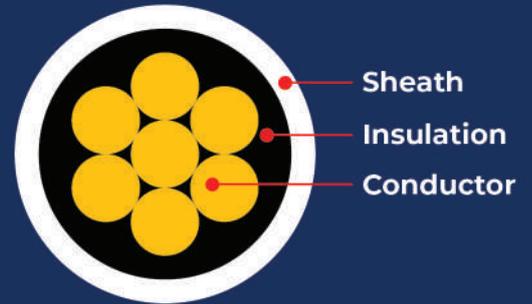


# PVC / PVC CABLE

✓ PVC Insulated    ✓ PVC Sheathed Cable    ✓ Single Core

## CONSTRUCTION DATA

Specification : MS 2112-3  
Voltage Rating : 300 / 500V  
Conductor : Plain Annealed Copper Wire  
Insulation : General Purpose PVC Compound  
Sheathed : General Purpose PVC Compound



Cross Sectional Area	No. fo Wire / Diameter	Thickness of Insulation	Approx. Insulation Diameter	Sheath Thickness	Approx. Overall Diameter	Max. Conductor Resistance at 20°	Approx. Weight / 100 MTs
mm <sup>2</sup>	mm	mm	mm	mm	mm	ohm / km	mm
1.5	7 / 0.53	0.7	3.0	0.8	4.6	12.10	3.8
2.5	7 / 0.67	0.8	3.6	0.8	5.2	7.41	5.2
4.0	7 / 0.85	0.8	4.1	0.9	6.0	4.61	7.3
6.0	7 / 1.04	0.8	4.7	0.9	6.6	3.08	9.5
10.0	7 / 1.35	1.0	6.0	0.9	7.9	1.83	14.8
16.0	7 / 1.70	1.0	7.1	1.0	9.2	1.15	21.6
25.0	7 / 2.14	1.2	8.8	1.1	11.0	0.727	32.8





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