

Battery cables

Heat resistant/HOFR PVC Insulated Extra Flexible Battery Cables

Vipul Copper we expertise in manufacturing PVC insulated battery cables and Rubber insulated battery cables. Available in two different styles North American and European with 6AWG to 4/0AWG and 10sqmm to 240sqmm sizes respectively. Certified by international quality standards our battery cables are tested under temperature from -40c – 105c and are resistant to oil, acid, fuel, cooling agent, abrasion and more.



Application

- PVC battery cables are largely used in place of function with water, oil and petrol, with quality standards IS-8130, BS-6360, IEC 228 & VDE-0295.
- Rubber battery cables are largely used in place of functions of heavy duty places and are resistant to abrasion oil and water with quality standards IS-8130, BS-6360, IEC 228 & VDE-0295.

Technical Data Table

PVC Insulated Battery Cables

Cross Section Area (Nom.)	Insulation Thickness (Nom)	Overall Diameter (approx.)	Conductor Resistance at 20° C (max.)	Current Carrying Capacity
Sq.mm	mm	mm	Ohm/Km	Amps
16	1	7.8	1.21	57
25	1.2	9.7	0.78	71
35	1.2	11	0.554	91
50	1.4	13.2	0.386	120
70	1.4	15.3	0.272	165
95	1.6	17.9	0.206	200
120	1.6	19.4	0.161	225
150	1.8	21.9	0.129	250
185	2	24.5	0.106	300
240	2.2	28	0.801	425

Insulation thickness and overall dimensions are nominal values. The number of wires is approximate and strand diameter is nominal; they shall be such as to satisfy the requirements of conductor resistance as per IS 8130/1984, BS-6360, IEC-228 & VDE-0295.