

Finolex



PVC Insulated Battery Cables



An IS / ISO 9001 Company

PVC INSULATED BATTERY CABLES

Battery cables are used in Original Equipment by India's leading vehicle manufacturers. Manufactured from electrolytic grade, bright annealed, bunched, bare copper conductors, these cables are insulated on state-of-the-art extruders with a special grade PVC compound that is formulated and manufactured in-house. This PVC is impervious to water, petrol, diesel, acids, engine & lubricating oils and grease. It is ideally suited for extreme weather conditions. These cables undergo stringent quality checks during manufacturing process and at the final stage. They are available in red and black colours in 25-metre and 100-metre coils / drums. These cables are also used in other applications where batteries are used, e.g. telecommunication, power, computers, etc. where the D.C. voltage does not exceed 100 volts. These cables are long-lasting and ensure proper distribution of power in the vehicle.

IS:2465



| PVC insulated BATTERY CABLES as per IS 2465:1984 | | | | |
|--|---|---|---|--------------------------------------|
| Conductor | | | Cable Parameters | |
| Nominal Area sq.mm. | Number / Dia. of strands (Nom.) mm. | Resistance at 20°C (Max.) ohms / km | Radial thickness of insulation (Nom.) mm. | Overall diameter (Approx.) mm. |
| 10 | 140/.3 | 1.910 | 1.0 | 6.30 |
| 16 | 126/.4 | 1.210 | 1.0 | 7.25 |
| 25 | 196/.4 | 0.780 | 1.2 | 8.80 |
| 35 | 276/.4 | 0.554 | 1.2 | 10.35 |
| 50 | 396/.4 | 0.386 | 1.4 | 12.25 |
| 70 | 360/.5 | 0.272 | 1.4 | 13.90 |
| 95 | 475/.5 | 0.206 | 1.6 | 15.85 |
| 120 | 608/.5 | 0.161 | 1.6 | 17.75 |
| 150 | 750/.5 | 0.129 | 1.8 | 18.85 |
| 185* | 925/.5 | 0.106 | 2.0 | 22.00 |
| 240* | 1221/.5 | 0.0801 | 2.2 | 25.00 |
| PVC insulated HIGH TENSION CABLES (IGNITION CABLES) in Black colour | | | | |
| 1.2* | 17/.3 | 15.36 | 2.75 | 7.10 |
| 1.3* | 19/.3 | 14.01 | 2.75 | 7.10 |

* These sizes are not covered under IS 2465 : 1984