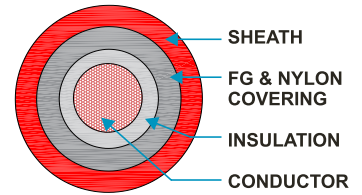




Battery Cables

HRFR Uninyvin Battery Cable



1503 - Battery Cables

Application

Uninyvin HRFR Battery cable has a wide range of applications in DC battery systems in genset and UPS application

Properties

- Heat resistant and flame retardant
- Highly resistant against acids, petrol and diesel
- Good flexibility
- Good abrasive resistance
- RoHS compliance

Construction

- Conductor : ATC Class 5 very flexible copper
- Insulation : HR 105°C PVC
- Inner sheath : Fibre glass & nylon braid with lacquer
- Sheath : HRFR PVC

Technical Parameter

- Voltage rating : 600/1000 Volts
- Temperature limits : -30°C to +105°C Minimum
- Bending radius : 3 to 6 times of cable diameter
- Cores : Black and Red



Genset Battery cables

| Part code | Uninyvin Cable | Size(area) | Conductor Diameter Max | Diameter Over Braid /Lacquer Max | Overall Diameter (HRFR) | Conductor Resistance at 20°C "Max" | Max Current Rating BS-G-177 |
|-------------|----------------|------------|------------------------|----------------------------------|-------------------------|------------------------------------|-----------------------------|
| | AWG | Sq.mm. | mm | mm | mm | Ω/900m | Amps |
| 1503T601 | 6 | 13.3 | 5.54 | 7.50 | 9.50 | 1.30 | 115 |
| 1503T401 | 4 | 21.5 | 6.90 | 9.30 | 11.30 | 0.802 | 160 |
| 1503T201 | 2 | 33.3 | 8.76 | 11.00 | 13.0 | 0.517 | 200 |
| 1503T101 | 1 | 40.7 | 9.75 | 12.20 | 14.20 | 0.423 | 220 |
| 1503T001 | 0 | 53.0 | 11.0 | 13.70 | 15.70 | 0.325 | 240 |
| 1503T0001 | 00 | 68.3 | 12.4 | 15.40 | 17.40 | 0.252 | 270 |
| 1503T00001 | 000 | 84.2 | 13.9 | 16.90 | 19.00 | 0.204 | 300 |
| 1503T000001 | 0000 | 109 | 15.6 | 18.70 | 21.00 | 0.158 | 350 |

