

### Delphi Battery Cable

Delphi Battery Cable includes multistranded wires that carry the high current necessary to operate the starter motor. Delphi offers polyvinyl chloride (PVC), cross-linked polyolefin (XLPE), and silicone Battery Cable in Society of Automotive Engineers (SAE) conductor sizes from 13 mm<sup>2</sup> to 50 mm<sup>2</sup> (SAE No. 6 to SAE No. 0).

#### ► Benefits

- Common strand size provides high "strand count" to improve conductor flexibility without adding cost
- Meets SAE J1127 requirements

#### ► Typical Applications

- PVC—SAE J1127 types STT and SGT
  - General purpose circuits
  - Continuous operating temperature ≤80°C
- XLPE—SAE J1127 types STX and SGX
  - Hotter areas
  - Continuous operating temperature ≤125°C
- Silicone—SAE J1127 type SGR
  - Extremely hot areas
  - Continuous operating temperature ≤180°C



Delphi Battery Cable

#### ► Specifications

| SAE Cable Type | Part No. | SAE Conductor Size |       | Conductor Construction |           |                |         | Finished Cable |         |               |         |                |         |
|----------------|----------|--------------------|-------|------------------------|-----------|----------------|---------|----------------|---------|---------------|---------|----------------|---------|
|                |          | mm <sup>2</sup>    | (No.) | No. of Wires           | Name*(mm) | Nom. Wire Dia. |         | Nom. Wall      |         | Nom. Diameter |         | Approx. Weight |         |
|                |          |                    |       |                        |           | mm             | (in.)   | mm             | (in.)   | mm            | (in.)   | g/m            | (#/kft) |
| STT            | M3391    | 13                 | (6)   | 75                     | 0.46 B    | 0.46           | (0.018) | 1.09           | (0.043) | 6.76          | (0.266) | 139            | (93.6)  |
| STT            | M3391    | 19                 | (4)   | 113                    | 0.46 B    | 0.46           | (0.018) | 1.12           | (0.044) | 7.88          | (0.310) | 203            | (136)   |
| SGT            | M3390    | 13                 | (6)   | 75                     | 0.46 B    | 0.46           | (0.018) | 1.52           | (0.060) | 7.61          | (0.300) | 152            | (102)   |
| SGT            | M3390    | 19                 | (4)   | 113                    | 0.46 B    | 0.46           | (0.018) | 1.65           | (0.065) | 8.94          | (0.352) | 221            | (149)   |
| SGT            | M3390    | 32                 | (2)   | 192                    | 0.46 B    | 0.46           | (0.018) | 1.65           | (0.065) | 10.66         | (0.420) | 353            | (237)   |
| SGT            | M3390    | 50                 | (0)   | 299                    | 0.46 B    | 0.46           | (0.018) | 1.65           | (0.065) | 12.47         | (0.491) | 528            | (355)   |
| STX            | M3252    | 13                 | (6)   | 75                     | 0.46 B    | 0.46           | (0.018) | 1.09           | (0.043) | 6.76          | (0.266) | 144            | (96.9)  |
| STX            | M3252    | 19                 | (4)   | 113                    | 0.46 B    | 0.46           | (0.018) | 1.12           | (0.044) | 7.88          | (0.310) | 210            | (141)   |
| STX            | M3252    | 32                 | (2)   | 192                    | 0.46 B    | 0.46           | (0.018) | 1.12           | (0.044) | 9.54          | (0.376) | 333            | (224)   |
| SGX            | M3024    | 19                 | (4)   | 113                    | 0.46 B    | 0.46           | (0.018) | 1.65           | (0.065) | 8.94          | (0.352) | 225            | (152)   |
| SGX            | M3024    | 32                 | (2)   | 192                    | 0.46 B    | 0.46           | (0.018) | 1.65           | (0.065) | 10.66         | (0.420) | 358            | (241)   |
| SGX            | M3024    | 50                 | (0)   | 299                    | 0.46 B    | 0.46           | (0.018) | 1.65           | (0.065) | 12.47         | (0.491) | 535            | (359)   |
| SGR            | M3112    | 19                 | (4)   | 113                    | 0.46 B    | 0.46           | (0.018) | 1.65           | (0.065) | 8.94          | (0.352) | 217            | (146)   |
| SGR            | M3112    | 32                 | (2)   | 192                    | 0.46 B    | 0.46           | (0.018) | 1.65           | (0.065) | 10.66         | (0.420) | 347            | (233)   |

\*B Denotes bare or no plating on copper wires