



## FLR51Y-A/B



### APPLICATION

The FLR51Y cable is a reduced wall thickness PFA insulated automotive cable is used for cable harnesses offering resistance to oils, fuels, breaking fluids, acids, lyes and organic media , heat resistance.

### Technical data

Conductor: Plain, Tinned, Silver or Nickel plated copper

Insulation: PFA (Perfluoroalkoxy Alkanes)

Temperature Rating: -40° C to +250° C (3000h)

Voltage rating: 60V



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| Nominal section (mm <sup>2</sup> ) | Number/strand Diameter (mm) | Nominal Insulation thickness (mm) | Nominal outer diameter (mm) | 20 °C Maximum conductor resistance (Ω/km) |
|------------------------------------|-----------------------------|-----------------------------------|-----------------------------|---|
| <b>FLR51Y-A</b>                    |                             |                                   |                             |   |
| 0.13                               | 7/0.16                      | 0.25                              | 1.05                        | 140                                       |
| 0.14                               | 7/0.16                      | 0.25                              | 1.05                        | 140                                       |
| 0.22                               | 7/0.21                      | 0.25                              | 1.2                         | 86.5                                      |
| 0.35                               | 7/0.27                      | 0.25                              | 1.3                         | 55.5                                      |
| 0.5                                | 19/0.19                     | 0.28                              | 1.6                         | 38.2                                      |
| 0.75                               | 19/0.24                     | 0.3                               | 1.9                         | 25.4                                      |
| 1                                  | 19/0.27                     | 0.3                               | 2.1                         | 19.1                                      |
| 1.5                                | 19/0.33                     | 0.3                               | 2.4                         | 13  |
| 2.5                                | 37/0.28                     | 0.35                              | 3                           | 7.82                                      |
| <b>FLR51Y-B</b>                    |                             |                                   |                             |   |
| 0.35                               | 12/0.21                     | 0.25                              | 1.4                         | 55.5                                      |
| 0.5                                | 16/0.21                     | 0.28                              | 1.6                         | 38.2                                      |
| 0.75                               | 24/0.21                     | 0.3                               | 1.9                         | 25.4                                      |
| 1                                  | 32/0.21                     | 0.3                               | 2.1                         | 19.1                                      |
| 1.5                                | 30/0.26                     | 0.3                               | 2.4                         | 13  |
| 2.5                                | 50/0.26                     | 0.35                              | 3                           | 7.82                                      |

Note: We can produce various specifications of products according to customer requirements.

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