

# TECHNICAL DATA SHEET

## Single Core & Multicore PVC Wire & Cable AS PER IS 694:2010

### *Dimensions of single core non-sheathed cable with Flexible conductor for general purpose.*

| Nominal Cross Selection Area (mm <sup>2</sup> ) | Thickness of PVC Insulation (Nom.) (mm) | Maximum Over all Dia |
|-------------------------------------------------|-----------------------------------------|----------------------|
| 0.5                                             | 0.6                                     | 2.6                  |
| 0.75                                            | 0.6                                     | 2.8                  |
| 1.0                                             | 0.6                                     | 3.0                  |
| 1.5                                             | 0.6                                     | 3.4                  |
| 2.5                                             | 0.7                                     | 4.1                  |
| 4.0                                             | 0.8                                     | 4.8                  |
| 6.0                                             | 0.8                                     | 5.3                  |
| 10.0                                            | 1.0                                     | 7.0                  |
| 16.0                                            | 1.0                                     | 8.1                  |
| 25.0                                            | 1.2                                     | 10.2                 |
| 35.0                                            | 1.2                                     | 11.7                 |
| 50.0                                            | 1.4                                     | 13.9                 |
| 70.0                                            | 1.4                                     | 16.0                 |
| 95.0                                            | 1.6                                     | 18.2                 |
| 120.0                                           | 1.6                                     | 20.2                 |
| 150.0                                           | 1.8                                     | 22.5                 |
| 185.0                                           | 2.0                                     | 24.9                 |
| 240.0                                           | 2.2                                     | 28.4                 |
| 300.0                                           | 2.4                                     | 31.0                 |

### *Dimensions of Flexible PVC Insulated and sheathed Cords (Circular) and Flexible twin twisted and twin parallel wire*

| No. of Cross Selection Area No x mm <sup>2</sup> | Thickn ess of Ins. (Nom.) mm | Sheathing wall thickness, Nom. |                |                 |           |           | Overall Dia, Max. |                |                 |           |           |               |              |
|--------------------------------------------------|------------------------------|--------------------------------|----------------|-----------------|-----------|-----------|-------------------|----------------|-----------------|-----------|-----------|---------------|--------------|
|                                                  |                              | Single core (mm)               | Twin core (mm) | Three core (mm) | Four core | Five core | Single core (mm)  | Twin core (mm) | Three core (mm) | Four core | Five core | Parallel twin | Twisted twin |
| 0.5                                              | 0.6                          | 0.9                            | 0.9            | 0.9             | 0.9       | 0.9       | 4.3               | 6.9            | 7.3             | 8.0       | 8.7       | 2.6X5.2       | 5.2          |
| 0.75                                             | 0.6                          | 0.9                            | 0.9            | 0.9             | 0.9       | 0.9       | 4.5               | 7.3            | 7.7             | 8.4       | 9.2       | 2.8X5.6       | 5.6          |
| 1.0                                              | 0.6                          | 0.9                            | 0.9            | 0.9             | 0.9       | 1.0       | 4.7               | 7.6            | 8.1             | 8.8       | 9.6       | 3.0X6.0       | 6.0          |
| 1.5                                              | 0.6                          | 0.9                            | 0.9            | 0.9             | 1.0       | 1.0       | 5.4               | 8.9            | 9.4             | 10.4      | 11.4      | 3.3X6.6       | 6.6          |
| 2.5                                              | 0.7                          | 1.0                            | 1.0            | 1.0             | 1.0       | 1.0       | 6.2               | 10.3           | 10.9            | 12.0      | 13.2      | 4.0X8.0       | 8.0          |
| 4.0                                              | 0.8                          | -                              | -              | -               | -         | -         | -                 | -              | -               | -         | -         | 4.8X9.6       | 9.6          |

| Nominal Cross sectional Area (mm <sup>2</sup> ) | No of Cores | Nom Thickness of Insulation (mm) | Nominal Thickness of Sheath (mm) | Overall Dimension, Max. (mm) |
|-------------------------------------------------|-------------|----------------------------------|----------------------------------|------------------------------|
| 0.5                                             | 6           | 0.6                              | 0.9                              | 9.5                          |
| 0.5                                             | 7           | 0.6                              | 0.9                              | 9.5                          |
| 0.5                                             | 8           | 0.6                              | 1.0                              | 11.1                         |
| 0.5                                             | 9           | 0.6                              | 1.0                              | 11.8                         |
| 0.5                                             | 10          | 0.6                              | 1.0                              | 12.0                         |
| 0.5                                             | 11          | 0.6                              | 1.0                              | 12.0                         |
| 0.5                                             | 12          | 0.6                              | 1.0                              | 12.4                         |

We are just a call away to answer all your queries!

**G.K. ENTERPRISES PRIVATE LIMITED**

C-6, Sector-65, Noida | C-7, Sector-58, Noida

Email: [contact@gkayindia.com](mailto:contact@gkayindia.com) | Website: [www.gkayindia.com](http://www.gkayindia.com) | Call: +91 9810087230, +91 9810353646

# TECHNICAL DATA SHEET

|      |    |     |     |      |
|------|----|-----|-----|------|
| 0.5  | 13 | 0.6 | 1.0 | 13.1 |
| 0.5  | 14 | 0.6 | 1.1 | 13.1 |
| 0.5  | 15 | 0.6 | 1.1 | 13.5 |
| 0.5  | 16 | 0.6 | 1.1 | 13.8 |
| 0.5  | 17 | 0.6 | 1.1 | 14.6 |
| 0.5  | 18 | 0.6 | 1.1 | 14.6 |
| 0.5  | 19 | 0.6 | 1.1 | 14.6 |
| 0.5  | 20 | 0.6 | 1.2 | 15.4 |
| 0.5  | 21 | 0.6 | 1.2 | 15.4 |
| 0.5  | 22 | 0.6 | 1.2 | 16.3 |
| 0.5  | 23 | 0.6 | 1.2 | 16.3 |
| 0.5  | 24 | 0.6 | 1.2 | 17.1 |
| 0.5  | 25 | 0.6 | 1.2 | 17.1 |
| 0.75 | 6  | 0.6 | 1.0 | 10.0 |
| 0.75 | 7  | 0.6 | 1.0 | 10.0 |
| 0.75 | 8  | 0.6 | 1.0 | 11.8 |
| 0.75 | 9  | 0.6 | 1.1 | 12.4 |
| 0.75 | 10 | 0.6 | 1.1 | 12.7 |
| 0.75 | 11 | 0.6 | 1.1 | 12.7 |
| 0.75 | 12 | 0.6 | 1.1 | 13.1 |
| 0.75 | 13 | 0.6 | 1.1 | 13.8 |
| 0.75 | 14 | 0.6 | 1.1 | 13.8 |
| 0.75 | 15 | 0.6 | 1.2 | 14.3 |
| 0.75 | 16 | 0.6 | 1.2 | 14.6 |
| 0.75 | 17 | 0.6 | 1.2 | 15.4 |
| 0.75 | 18 | 0.6 | 1.2 | 15.4 |
| 0.75 | 19 | 0.6 | 1.2 | 15.4 |
| 0.75 | 20 | 0.6 | 1.3 | 16.3 |
| 0.75 | 21 | 0.6 | 1.3 | 16.3 |
| 0.75 | 22 | 0.6 | 1.3 | 17.3 |
| 0.75 | 23 | 0.6 | 1.3 | 17.3 |
| 0.75 | 24 | 0.6 | 1.3 | 18.2 |
| 0.75 | 25 | 0.6 | 1.3 | 19.0 |
| 1.0  | 6  | 0.6 | 1.0 | 10.5 |
| 1.0  | 7  | 0.6 | 1.0 | 10.5 |
| 1.0  | 8  | 0.6 | 1.0 | 12.4 |
| 1.0  | 9  | 0.6 | 1.1 | 13.1 |
| 1.0  | 10 | 0.6 | 1.1 | 13.4 |
| 1.0  | 11 | 0.6 | 1.1 | 13.4 |
| 1.0  | 12 | 0.6 | 1.1 | 13.9 |
| 1.0  | 13 | 0.6 | 1.1 | 14.6 |
| 1.0  | 14 | 0.6 | 1.1 | 14.6 |
| 1.0  | 15 | 0.6 | 1.2 | 15.1 |
| 1.0  | 16 | 0.6 | 1.2 | 15.4 |
| 1.0  | 17 | 0.6 | 1.2 | 16.3 |
| 1.0  | 18 | 0.6 | 1.2 | 16.3 |
| 1.0  | 19 | 0.6 | 1.2 | 16.3 |
| 1.0  | 20 | 0.6 | 1.4 | 17.3 |
| 1.0  | 21 | 0.6 | 1.4 | 17.3 |
| 1.0  | 22 | 0.6 | 1.4 | 18.2 |

We are just a call away to answer all your queries!

**G.K. ENTERPRISES PRIVATE LIMITED**

C-6, Sector-65, Noida | C-7, Sector-58, Noida

Email: [contact@gkayindia.com](mailto:contact@gkayindia.com) | Website: [www.gkayindia.com](http://www.gkayindia.com) | Call: +91 9810087230, +91 9810353646

# TECHNICAL DATA SHEET

|      |    |     |     |      |
|------|----|-----|-----|------|
| 1.0  | 23 | 0.6 | 1.4 | 18.2 |
| 1.0  | 24 | 0.6 | 1.4 | 19.2 |
| 1.0  | 25 | 0.6 | 1.4 | 19.2 |
| 1.50 | 6  | 0.6 | 1.0 | 12.4 |
| 1.50 | 7  | 0.6 | 1.0 | 12.4 |
| 1.50 | 8  | 0.6 | 1.1 | 14.7 |
| 1.50 | 9  | 0.6 | 1.1 | 15.6 |
| 1.50 | 10 | 0.6 | 1.1 | 16.0 |
| 1.50 | 11 | 0.6 | 1.1 | 16.0 |
| 1.50 | 12 | 0.6 | 1.1 | 16.5 |
| 1.50 | 13 | 0.6 | 1.2 | 17.4 |
| 1.50 | 14 | 0.6 | 1.2 | 17.4 |
| 1.50 | 15 | 0.6 | 1.2 | 18.1 |
| 1.50 | 16 | 0.6 | 1.2 | 18.4 |
| 1.50 | 17 | 0.6 | 1.3 | 19.5 |
| 1.50 | 18 | 0.6 | 1.3 | 19.5 |
| 1.50 | 19 | 0.6 | 1.3 | 19.5 |
| 1.50 | 20 | 0.6 | 1.4 | 20.7 |
| 1.50 | 21 | 0.6 | 1.4 | 20.7 |
| 1.50 | 22 | 0.6 | 1.4 | 21.9 |
| 1.50 | 23 | 0.6 | 1.4 | 21.9 |
| 1.50 | 24 | 0.6 | 1.4 | 23.0 |
| 1.50 | 25 | 0.6 | 1.4 | 23.0 |
| 2.50 | 6  | 0.7 | 1.1 | 14.5 |
| 2.50 | 7  | 0.7 | 1.1 | 14.5 |
| 2.50 | 8  | 0.7 | 1.2 | 17.3 |
| 2.50 | 9  | 0.7 | 1.3 | 18.3 |
| 2.50 | 10 | 0.7 | 1.3 | 18.7 |
| 2.50 | 11 | 0.7 | 1.3 | 18.7 |
| 2.50 | 12 | 0.7 | 1.3 | 19.4 |
| 2.50 | 13 | 0.7 | 1.3 | 20.5 |
| 2.50 | 14 | 0.7 | 1.3 | 20.5 |
| 2.50 | 15 | 0.7 | 1.4 | 21.3 |
| 2.50 | 16 | 0.7 | 1.4 | 21.7 |
| 2.50 | 17 | 0.7 | 1.4 | 23.0 |
| 2.50 | 18 | 0.7 | 1.4 | 23.3 |
| 2.50 | 19 | 0.7 | 1.4 | 23.8 |
| 2.50 | 20 | 0.7 | 1.5 | 24.4 |
| 2.50 | 21 | 0.7 | 1.5 | 25.0 |
| 2.50 | 22 | 0.7 | 1.5 | 25.8 |
| 2.50 | 23 | 0.7 | 1.5 | 26.3 |
| 2.50 | 24 | 0.7 | 1.5 | 27.2 |
| 2.50 | 25 | 0.7 | 1.5 | 27.9 |

We are just a call away to answer all your queries!

**G.K. ENTERPRISES PRIVATE LIMITED**

C-6, Sector-65, Noida | C-7, Sector-58, Noida

Email: [contact@gkayindia.com](mailto:contact@gkayindia.com) | Website: [www.gkayindia.com](http://www.gkayindia.com) | Call: +91 9810087230, +91 9810353646