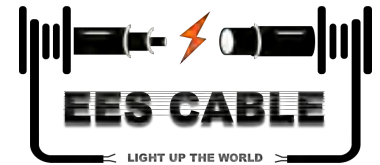


# 6381 Y 450/750 V & 0.6/1 KV 6381Y-RVV



## Electric Wire for Installation

### Application

6381Y Is suitable for protected Installation In equipment and lighting fitting.

### BS 6004

Conductor: Class 5 Copper / Insulation: PVC  
Sheath: PVC

| Section               |                    | Insulation Thickness | Sheath Thickness | Overall Diameter | Cable Weight | Electrical Resistance |
|-----------------------|--------------------|----------------------|------------------|------------------|--------------|-----------------------|
| No. x mm <sup>2</sup> | Class of Conductor | mm                   | mm               | mm               | kg/km        | DC 20°C<br>Ω/km       |
|                       |                    |                      | 450/750V         |                  |              |                       |
| 1.5                   | s                  | 0.9                  | 0.8              | 4.91             | 38           | 13.3                  |
| 2.5                   | s                  | 0.9                  | 0.8              | 5.4              | 49           | 7.98                  |
| 4                     | 5                  | 1                    | 0.9              | 6.25             | 71           | 4.95                  |
| 6                     | 5                  | 1.1                  | 0.9              | 7.6              | 101          | 3.30                  |
| 10                    | s                  | 1.2                  | 1.1              | 8.56             | 152          | 1.91                  |
| 16                    | 5                  | 1.2                  | 1.1              | 9.8              | 215          | 1.21                  |
| 25                    | 5                  | 1.4                  | 1.1              | 11.5             | 307          | 0.78                  |
| 35                    | 5                  | 1.4                  | 1.1              | 12.5             | 405          | 0.554                 |
| 50                    | s                  | 1.4                  | 1.4              | 15.1             | 580          | 0.386                 |
|                       |                    |                      | 0.6/1KV          |                  |              |                       |
| 70                    | s                  | 1.4                  | 1.4              | 17.0             | 769          | 0.272                 |
| 95                    | 5                  | 1.6                  | 1.5              | 19.1             | 1008         | 0.210                 |
| 120                   | 5                  | 1.6                  | 1.8              | 21.6             | 1282         | 0.164                 |
| 150                   | s                  | 1.8                  | 1.8              | 23.4             | 1571         | 0.132                 |
| 185                   | 5                  | 2                    | 1.8              | 25.5             | 1895         | 0.108                 |
| 240                   | 5                  | 2.2                  | 1.8              | 28.5             | 2435         | 0.081                 |
| 300                   | 5                  | 2.4                  | 2                | 31.2             | 3050         | 0.065                 |
| 400                   | 5                  | 2.6                  | 2.1              | 35.3             | 4035         | 0.050                 |