

## Multi Core Flexible Copper Conductor Rubber Insulated & Polychloroprene Rubber Sheathed 450/750V (UA) Control Cable

### Application

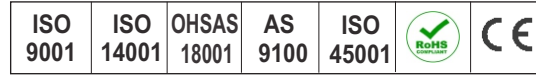
- ✓ Used in dry and damp interiors.
- ✓ Also in Outdoor Use.
- ✓ Used in Agricultural Machinery.

### Features

- ✓ Heavy Duty Cable.
- ✓ Excellent Flame retardant, Ozone resistant and oil resistant OuterSheath.

### Product Construction

- ✓ Conductor : Fine Strands of Copper.
- ✓ Insulation : Rubber Compound.
- ✓ Outer Sheath : Polychloroprene Rubber Compound.
- ✓ Colored Cores.



### Technical Data

- ✓ Temperature Range : - 25°C to +60°C
- ✓ Voltage for Testing : 2.5 kV
- ✓ Protective Conductor(PC) : G-With green/yellow PC  
X-Without PC
- ✓ Bending Radius(Minimum):  
Flexing : 6 x Cable Diameter
- ✓ Rated Voltage : (U<sub>0</sub>/U) 45/750 V  
In Protected & Fixed Installations : 600/1000 V
- ✓ Specific Insulation Resistance : 1 G Ohm x cm.
- ✓ As per VDE 0282



| Part Number | Number of Cores and mm <sup>2</sup> Per Conductor | Outer Diameter in mm approx. | Copper Index Kg/Km | Weight Kg/Km approx. |
|-------------|---------------------------------------------------|------------------------------|--------------------|----------------------|
| 6441003G    | 3G1                                               | 7.5                          | 27.2               | 87                   |
| 6441302     | 2Cx1.5                                            | 8.0                          | 26.5               | 95                   |
| 6441303G    | 3G1.5                                             | 8.5                          | 39.8               | 116                  |
| 6441304G    | 4G1.5                                             | 9.4                          | 53.0               | 145                  |
| 6441305G    | 5G1.5                                             | 10.4                         | 66.3               | 177                  |
| 6441307G    | 7G1.5                                             | 11.4                         | 95.6               | 226                  |
| 6441312G    | 12G1.5                                            | 14.8                         | 163.8              | 330                  |
| 6441319G    | 19G1.5                                            | 17.7                         | 259.4              | 507                  |
| 6441324G    | 24G1.5                                            | 21.0                         | 327.6              | 637                  |
| 6441325G    | 25G1.5                                            | 21.0                         | 341.3              | 661                  |
| 6441602     | 2Cx2.5                                            | 8.9                          | 44.5               | 128                  |
| 6441603G    | 3G2.5                                             | 9.5                          | 66.7               | 158                  |
| 6441604G    | 4G2.5                                             | 10.5                         | 88.9               | 199                  |
| 6441605G    | 5G2.5                                             | 11.6                         | 111.2              | 244                  |
| 6441607G    | 7G2.5                                             | 12.8                         | 160.2              | 316                  |
| 6441615G    | 12G2.5                                            | 16.7                         | 274.7              | 470                  |
| 6441619G    | 19G2.5                                            | 20.0                         | 434.9              | 726                  |
| 6441624G    | 24G2.5                                            | 23.8                         | 549.4              | 913                  |
| 6441625G    | 25G2.5                                            | 23.8                         | 572.3              | 948                  |
| 6441902     | 2Cx4                                              | 10.6                         | 71.6               | 188                  |
| 6441903G    | 3G4                                               | 11.3                         | 107.4              | 234                  |
| 6441904G    | 4G4                                               | 12.5                         | 143.2              | 295                  |
| 6441905G    | 5G4                                               | 13.8                         | 179.0              | 363                  |
| 6441907G    | 7G4                                               | 15.2                         | 258.0              | 473                  |
| 6442303G    | 3G6                                               | 13.4                         | 161.3              | 337                  |
| 6442304G    | 4G6                                               | 14.8                         | 215.0              | 425                  |
| 6442305G    | 5G6                                               | 16.4                         | 268.8              | 522                  |
| 6442703G    | 3G10                                              | 15.9                         | 274.2              | 509                  |
| 6442704G    | 4G10                                              | 17.5                         | 365.6              | 645                  |
| 6442705G    | 5G10                                              | 19.3                         | 457.0              | 792                  |
| 6442803G    | 3G16                                              | 18.2                         | 439.1              | 732                  |
| 6442804G    | 4G16                                              | 20.1                         | 585.5              | 933                  |
| 6442805G    | 5G16                                              | 22.2                         | 731.9              | 1151                 |
| 6443004G    | 4G25                                              | 25.2                         | 910.3              | 1458                 |
| 6443005G    | 5G25                                              | 27.8                         | 1137.8             | 1794                 |
| 6443204G    | 4G35                                              | 28.2                         | 1281.1             | 1932                 |
| 6443205G    | 5G35                                              | 31.0                         | 1601.4             | 2383                 |
| 6443404G    | 4G50                                              | 33.8                         | 1836.0             | 2776                 |
| 6443405G    | 5G50                                              | 37.2                         | 2295.0             | 3420                 |
| 6443704G    | 4G70                                              | 38.1                         | 2611.2             | 3745                 |
| 6443804G    | 4G95                                              | 43.4                         | 3449.6             | 4912                 |
| 6444104G    | 4G120                                             | 47.4                         | 4410.5             | 6091                 |
| 6444204G    | 4G150                                             | 52.8                         | 5483.5             | 7560                 |
| 6444404G    | 4G185                                             | 57.9                         | 6707.5             | 9174                 |
| 6444604G    | 4G240                                             | 65.4                         | 8853.6             | 11960                |



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|-------------|------------------------------------------------------|---------------------------------|-----------------------|-------------------------|
| 6444404G    | 4 G 185                                              | 57.9                            | 6707.5                | 9174                    |
| 6444604G    | 4 G 240                                              | 65.4                            | 8853.6                | 11960                   |

