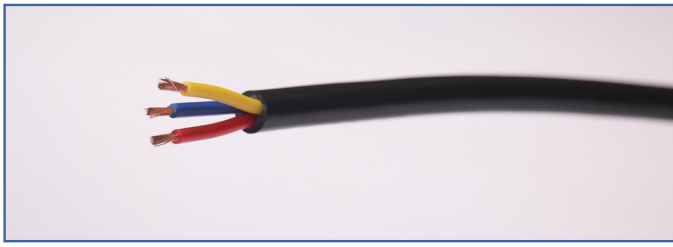
# ALV-K (RV-K)

## 3 & 4 CORE TRAILING CABLE

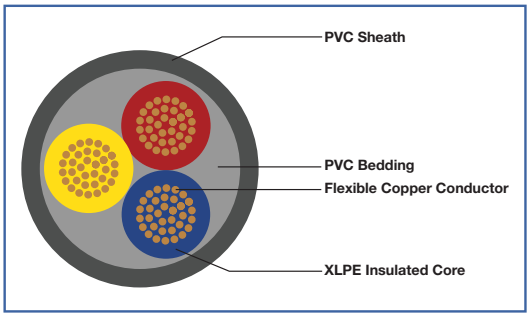
### Construction

High conductivity bunched, flexible copper conductors, insulated and colour coded with XLPE. Insulated, twisted and filled with a PVC bedding to give the cable a round finish. Final protection is with a tightly bonded, water, oil and abrasion resistant PVC.



### Applications

The supply of power to all types of indoor and outdoor mobile and portable machinery in all weather conditions and in wet and oily conditions. Used on buildings, construction sites, in workshops, mines, dockyards, opencast mining, railways, road works and factories.




### Packaging

Available in 500 metre drum lengths.
Cut lengths also available on request.
This product is sequentially marked at one metre intervals for your convenience and security.

| Specification | (SANS 1507 - 4) |
|---|---|
| Voltage Rating | 450/750 Volts |
| Test Voltage | 3000 Volts |
| Temperature Range | -10° to +90°C |
| Flexibility Class | 4 & 5 |
| Conductor Type | High conductivity annealed copper |
| Insulation Material | XLPE |
| Sheath Material | Flexible grade PVC |
| Sheath Colour | Black |
| Core Colours | 3 core - Red, Yellow, Blue<br>4 core - Red, Yellow, Blue, Black |

### Technical Data

| Product Code | Size mm² | Stranding No & Dia | mV Drop Amps/m | | Nominal Amps | | Nominal Dia mm | Mass kg/100m |
|---|---|---|---|---|---|---|---|---|
| | | | 1 ph 220V | 3 ph 380V | 1 ph 220V | 3 ph 380V | | |
| ALVK1.50X3BK | 1.5 | 27 x 0.26 | 29 | 25 | 25 | 23 | 10.2 | 16.5 |
| ALVK2.50X3BK | 2.5 | 44 x 0.26 | 18 | 15 | 35 | 32 | 11.2 | 21.0 |
| ALVK4.00X3BK | 4.0 | 49 x 0.31 | 11 | 9.5 | 45 | 42 | 12.3 | 27.5 |
| ALVK6.00X3BK | 6.0 | 74 x 0.31 | 7.3 | 6.4 | 59 | 54 | 13.6 | 35.5 |
| ALVK10.0X3BK | 10.0 | 130 x 0.31 | 4.4 | 3.8 | 81 | 75 | 15.9 | 56.0 |
| ALVK16.0X3BK | 16.0 | 200 x 0.31 | 2.8 | 2.4 | 108 | 100 | 17.8 | 78.0 |
| ALVK25.0X3BK | 25.0 | 312 x 0.31 | 1.7 | 1.5 | 137 | 127 | 21.2 | 116.0 |
| | | | | | | | | |
| ALVK1.50X4BK | 1.5 | 27 x 0.26 | 29 | 25 | 25 | 23 | 10.9 | 19.0 |
| ALVK2.50X4BK | 2.5 | 44 x 0.26 | 18 | 15 | 35 | 32 | 12.0 | 25.0 |
| ALVK4.00X4BK | 4.0 | 49 x 0.31 | 11 | 9.5 | 45 | 42 | 13.4 | 32.5 |
| ALVK6.00X4BK | 6.0 | 74 x 0.31 | 7.3 | 6.4 | 59 | 54 | 15.1 | 44.5 |
| ALVK10.0X4BK | 10.0 | 130 x 0.31 | 4.4 | 3.8 | 81 | 75 | 17.3 | 68.5 |
| ALVK16.0X4BK | 16.0 | 200 x 0.31 | 2.8 | 2.4 | 108 | 100 | 19.4 | 97.0 |
| ALVK25.0X4BK | 25.0 | 312 x 0.31 | 1.7 | 1.5 | 137 | 127 | 23.3 | 145.0 |