

STEEL WIRE ARMoured LH

2-4 CORE SWA CABLE

Construction

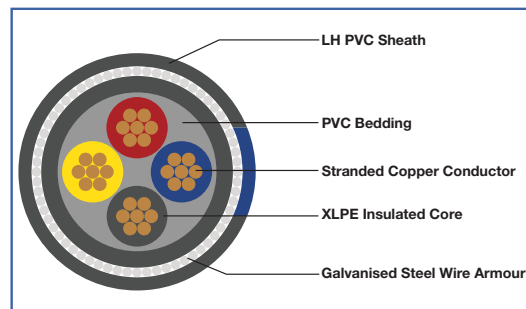
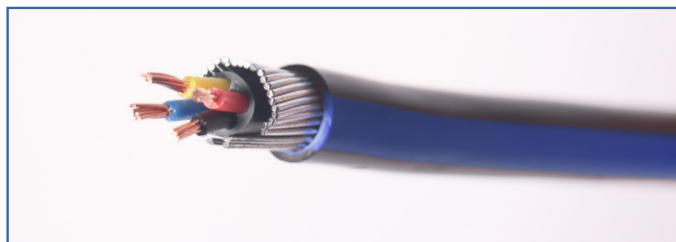
High conductivity bunched, stranded copper conductors, insulated and colour coded with XLPE. Insulated cores are twisted and filled with a PVC bedding to give the cable a round finish. It is armoured with a galvanized steel wire. Final protection is tightly bonded, with a Flame Retardant, Low Halogen PVC.

Applications

To supply power to all types of fixed installations. Suitable for use in ducts, racks and ladders as well as burial underground without further protection.

Packaging

Available in 500 metre drums.
Cut lengths also available on request.



| Specification | (SANS 1507 - 3) |
|---------------------|--|
| Voltage Rating | 600/1000 Volts |
| Test Voltage | 6000 Volts |
| Temperature Range | -10° to +80°C |
| Bending Radius | 15 x Cable Diameter |
| Protection | Steel wire armour |
| Flexibility Class | 2 |
| Conductor Types | High conductivity annealed copper |
| Insulation Material | PVC |
| Sheath Material | Flame Retardant PVC / Low Halogen |
| Sheath Colours | Black with Blue Stripe |
| Core Colours | 2 core - Red, Black 3 core - Red, Yellow, Blue 4 core - Red, Yellow, Blue, Black |



Technical Data

| Product Code | Size mm ² | mV Drop Amps / mtr | Nominal Amps | Nominal Dia | | | Mass kg/100m | | |
|--------------|----------------------|-----------------------|-----------------|-------------|------|------|--------------|-----|------|
| | | | | 2C | 3C | 4C | 2C | 3C | 4C |
| SWA01.5X*# | 1.5 | 14.4 | 18 | 12.5 | 12.9 | 13.7 | 30 | 33 | 40 |
| SWA02.5X*# | 2.5 | 8.6 | 25 | 13.3 | 13.8 | 14.7 | 35 | 40 | 44 |
| SWA04.0X*# | 4.0 | 5.4 | 33 | 14.3 | 14.9 | 15.9 | 40 | 45 | 54 |
| SWA06.0X*# | 6.0 | 3.6 | 42 | 15.4 | 16.0 | 17.1 | 48 | 55 | 65 |
| SWA10.0X*# | 10.0 | 2.1 | 58 | 17.1 | 18.1 | 19.4 | 61 | 72 | 85 |
| SWA16.0X*# | 16.0 | 1.5 | 91 | 19.3 | 20.2 | 22.8 | 79 | 95 | 120 |
| SWA25.0X*# | 25.0 | 0.93 | 132 | 21.7 | 24.9 | 27.5 | 133 | 161 | 200 |
| SWA35.0X*# | 35.0 | 0.67 | 158 | 23.3 | 26.1 | 30.1 | 150 | 191 | 250 |
| SWA50.0X*# | 50.0 | 0.49 | 186 | 24.9 | 28.7 | 33.0 | 180 | 240 | 300 |
| SWA70.0X*# | 70.0 | 0.34 | 229 | 27.0 | 31.9 | 38.8 | 225 | 310 | 430 |
| SWA95.0X*# | 95.0 | 0.25 | 275 | - | 39.0 | 44.8 | - | 438 | 560 |
| SWA120.0X*# | 120.0 | 0.20 | 312 | - | 39.7 | 49.9 | - | 510 | 720 |
| SWA150.0X*# | 150.0 | 0.16 | 357 | - | 43.5 | 56.0 | - | 610 | 870 |
| SWA185.0X*# | 185.0 | 0.13 | 397 | - | 52.0 | 60.6 | - | 800 | 1050 |
| SWA240.0X*# | 240.0 | 0.10 | 459 | - | 57.9 | 67.9 | - | 995 | 1250 |

* When ordering, insert number of cores here.

When ordering, insert colour code here (Refer to Page 1)