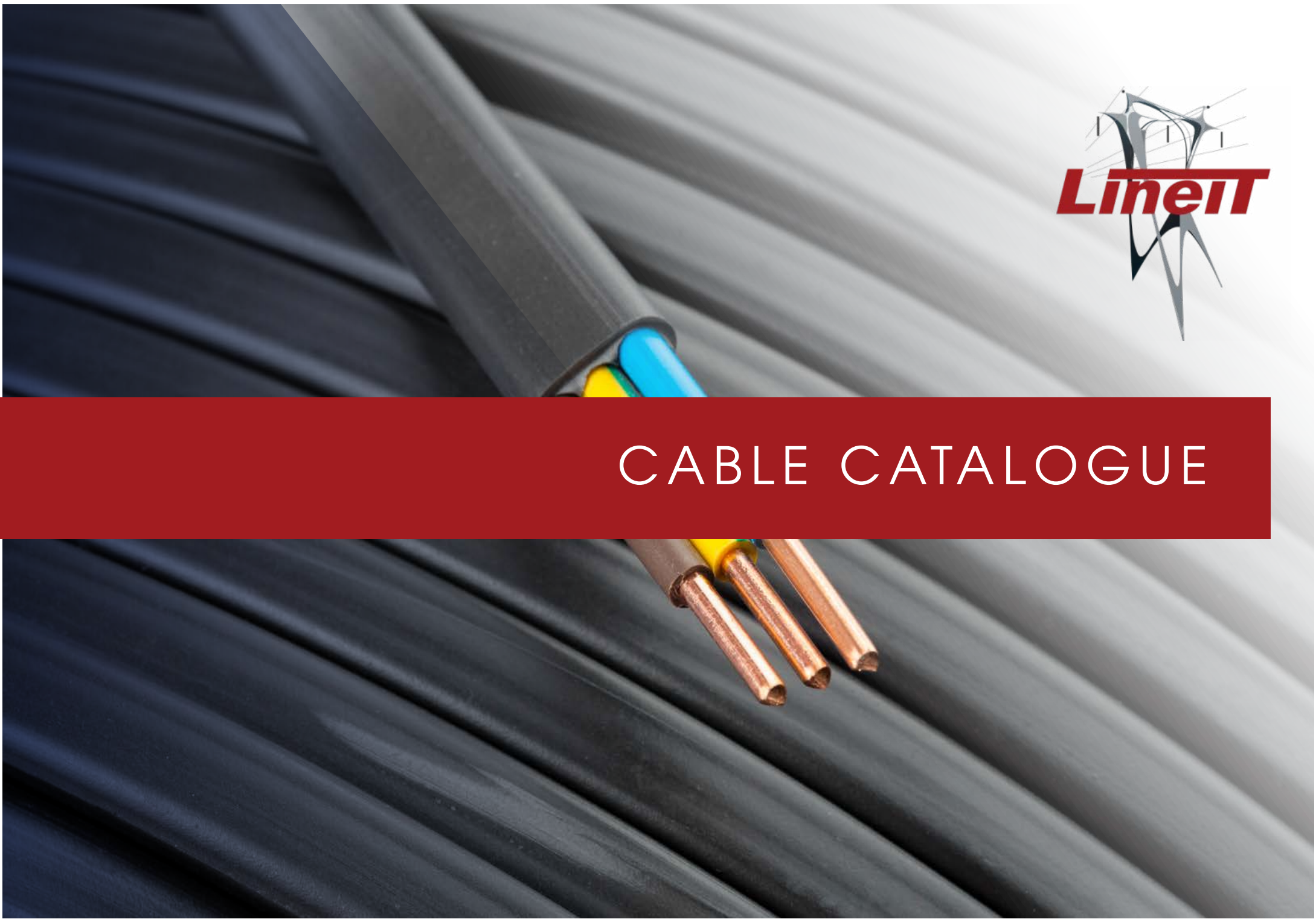




CABLE CATALOGUE



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LineIT

PVC



HOUSE WIRE

APPLICATION

General wiring of factories, private, municipal and industrial buildings, control panels, switchboards and appliances operating at normal temperature.

MOST OFTEN USED BY

Electricians, electrical contractors, appliance manufacturers switchboard and control panel manufacturers.

SPECIFICATIONS

Voltage rating	600/1000 volts
Test voltage	3000 volts (rms)
Temperature range	-10 to + 70°C
Insulation	General purpose PVC
Colours	Red, white, blue, green/yellow, black, brown, blue, yellow, orange, purple, pink
Conductors	Plain soft copper wire (annealed)



POWERFLEX

FLEXIBLE SINGLE POWER CORES

APPLICATION

This highly flexible range of power cable can be used as a convenient replacement for the less flexible solid SANS class 2 cores.

This makes it easier to loom in confined spaces such as PANELS.

The inner dielectric consists of general purpose PVC bonded to the outer nitrile PVC sheath which has excellent water, oil as well as abrasion resistant properties allowing for further use in borehole pumps and engine rooms.

Also available in rubber / silicone.

MOST OFTEN USED BY

Electricians, electrical contractors, D.I.Y enthusiasts.

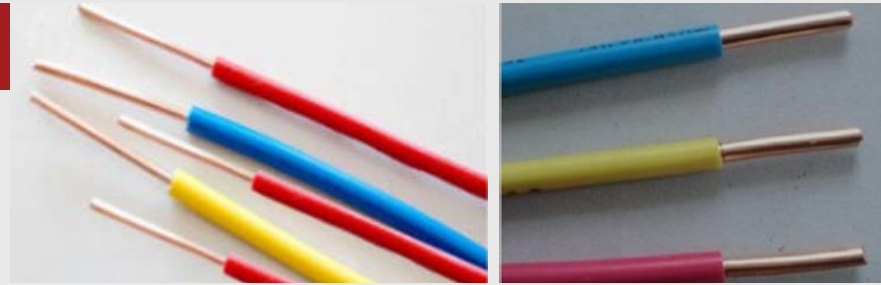
SPECIFICATIONS

Voltage rating	600/1000 volts
Spark test voltage	6000 volts (rms)
Voltage withstand test	2.5kV for 10 mins
Conductor	Annealed PCW class 5
Temperature range	-10 to + 7°C
Insulation	General purpose PVC D3 as per SABS 1411 P2
Sheathing	Nitrile PVC (coloured) D6 as per SABS 1411 P 2
Colours	Any colour as per customer



HRQ WIRE

PVC INSULATED



DESCRIPTION

- Conductor: Solid annealed copper to SABS 1411 Part 1
- Insulation: 105°C PVC (high temperature) to SABS 1411 Part 2 - D5.

APPLICATION

Fluorescent Light fittings and ballasts , Capacitor Tails.

MOST OFTEN USED BY

Electricians, electrical contractors, neon light manufacturers, switchboard and control panel manufacturers.

SPECIFICATIONS

Voltage rating	300/500 600/1000 volts
Test voltage	1200 / 2000 volts (rms) for 10 mins
Current rating	10 Ampere
Single volt drop	93 mV/A/m
Temperature range	-10 to + 105°C
Insulation	High temperature PVC water, oil, and abrasion resistant
Colours	Any colour as per customer

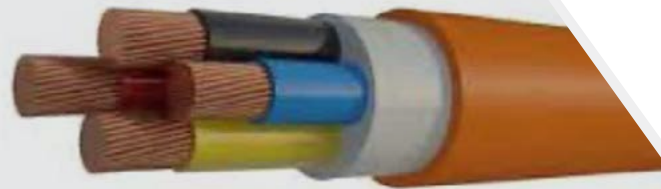
MULTI-CORE TRAILING CABLE

APPLICATION

For the power supply to any mobile or portable equipment in the most adverse weather conditions, in harsh mechanical and chemical environments such as :- construction sites, open cast mines, factories, dockyards, railways and engine rooms.

SPECIFICATIONS

Voltage rating	600/1000 volts
Test voltage	6000 volts (rms)
Temperature range	-10 to + 70°C
Conductor	Annealed PCW class 5
Insulation	Excellent electrical grade PVC
Sheathing	Orange coloured Nitrile PVC
Core colours	Red, yellow, blue, black



CABTYRE

FLEXIBLE WIRING CABLE

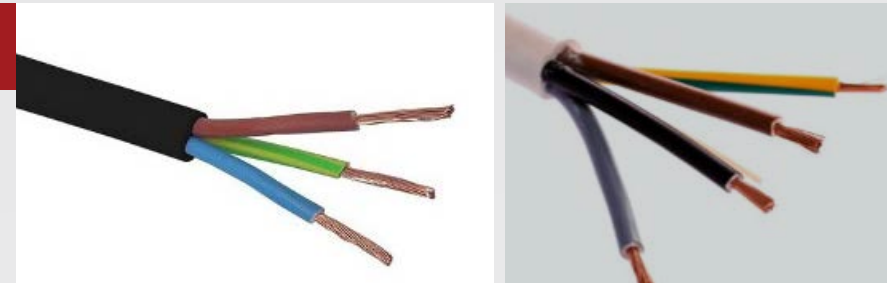


DESCRIPTION

- Light Duty 300/300V
- Normal Duty 300/500V

APPLICATION

Used to wire Extension cords, Household and industrial Appliances, Electric tools



SPECIFICATIONS

Conductor	Annealed PCW class 5
Insulation	General purpose PVC, FR and oil resistant Spark Test Voltage 5kV rms Withstand Test 1.5kV rms 10minutes
Sheath (embossed)	Flexible PVC
Colours	Black, white, grey, red and orange(on request)
Dummy Core	Flexible PE
Specification	SANS 1574

PVC DISTRIBUTION CABLES

BELLS CABLES

DESCRIPTION

Plain soft (annealed) copper wire conductors
- SABS 1411 P1 Class 2

APPLICATION

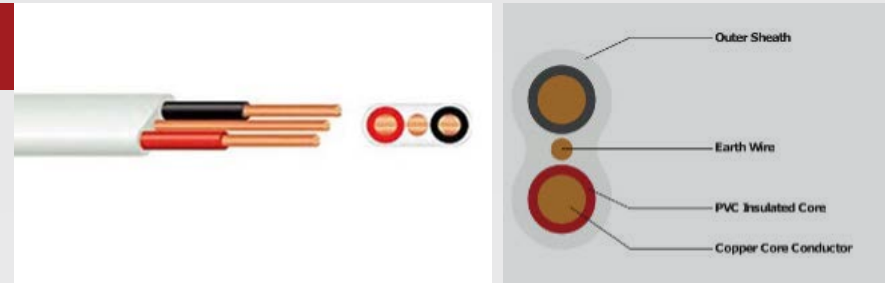
Used for mains distribution in:- street lighting as well as industrial, residential and commercial premises. Cables can be buried directly in the ground, installed in pipes, on racks or pinned directly to the wall.

SPECIFICATIONS

Voltage rating	600/1000 volts
Specification	SABS 1507 Part 3: PVC Distribution Cables
Bedding	Black PVC
Insulation	PVC extruded cores
Sheathing	PVC Black mainly (available in various grades & colours of PVC)
Identification	Sheath Embossed & Coloured stripe to indicate Grade of PVC



FLAT TWIN AND EARTH



DESCRIPTION

- Conductor: Solid annealed copper to SABS 1411 Part 1
- Insulation: General purpose PVC to SABS 1411 Part 2 - D5
- Earth Conductor: Solid annealed BARE copper
- Sheath: General purpose PVC

APPLICATION

General purpose Household and Industrial wiring :- Under roof, under floor and under plaster

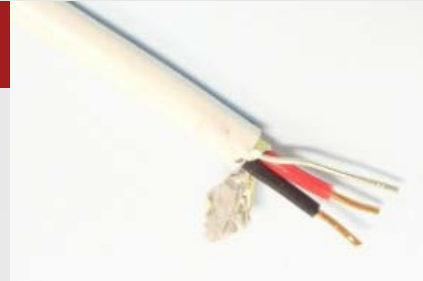
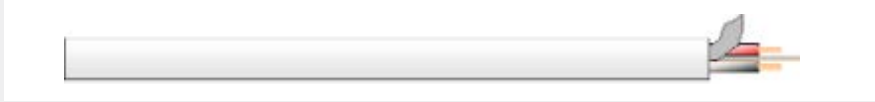
MOST OFTEN USED BY

Electricians, electrical contractors.

SPECIFICATIONS

Voltage rating	300/500 volts
Temperature range	-10 to + 70°C
Core Colours	Red & black
Sheath Colours	White & black
Conductor	High Conductivity annealed solid conductors Manufactured to SANS 1411 Part1

SURFACE CABLE (SURFIX)



DESCRIPTION

- Conductor: Annealed PCW class 5 to SABS 1411 Part 1
- Insulation: General purpose PVC to SABS 1411 Part 2 - D5
- Earth Conductor: Solid annealed BARE tinned copper
- Aluminium Foil: 0.1 mm thick laminated applied longitudinally to be electrically in contact with the earth wire
- Sheath: General purpose PVC

MOST OFTEN USED BY

Electricians, electrical contractors.

SPECIFICATIONS

Voltage rating	300/500 volts
Temperature range	-10 to + 70°C
2 Core colours	Red & black
3 Core colours	Red, yellow and blue
4 Core colours	Red, yellow and blue & black
Sheath colours	White (black on request)

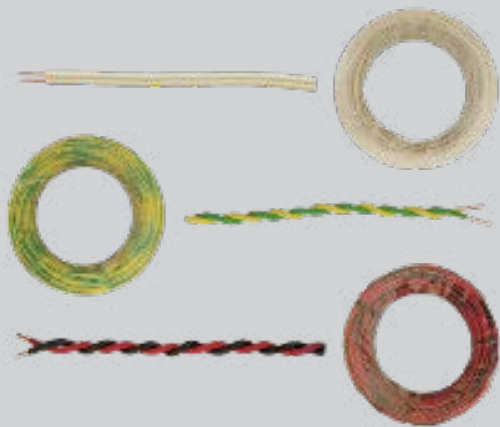
BLASTING WIRE

DESCRIPTION

2 Core PVC insulated twisted wire. Used to connect blasting circuit to Exploder.

SPECIFICATIONS

Temperature range	-10 to + 70°C
Core colours	Red/Black, Green/Yellow, Black/Black
Conductors	Flexible or Solid



DC SOLAR CABLE

1.8 kV DC

DESCRIPTION

- High temperature 105°C rating
- Flame retardant insulating material cold bend -15°C
- Maximum operating temp 105 °C
- Heat shock 150°C SANS 60811-3-1 (no cracking)
- Resistance to burning SANS 60332-1-1
- UV stable and rodent repellent sheathing material





Lineit

RUBBER

TYPE 41 FLEXIBLE TRAILING CABLE

2.5 mm² - 25 mm²

DESCRIPTION

Flexible, heat resistant rubber cable for industrial applications - use under heavy duty conditions.

- Conductor: Flexible tinned/plain soft copper - SANS 1411-1 Class 5
- Insulation: EPM extruded cores - SANS 1411-3 RD3
- Sheath: CM (black or yellow), reinforced EHD RS6

SPECIFICATIONS

Configuration	4 core - 3 individually screened phase cores plus an un-screened pilot core.
Voltage rating	640/1100 V
Specification	SABS 1520 Part 1. Low-voltage (640/1100 V and 1900/3300 V) cables.
Application	Drills, Shuttle cars, Small pumps



TYPE 61A FLEXIBLE TRAILING CABLE

16 mm² - 95 mm²

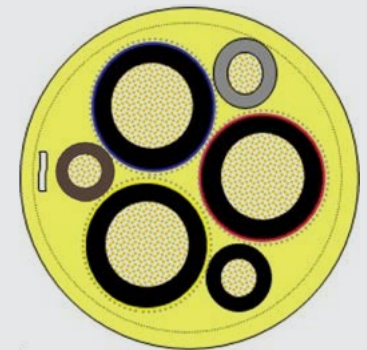
DESCRIPTION

Mining Cable for reeling and non-reeling applications.

- Conductor: Flexible tinned/plain soft copper - SANS 1411-1 Class 5
- Insulation: EPM extruded cores - SANS 1411-3 RD3
- Sheath: CM (black or yellow), reinforced EHD SANS 1411 RS6

SPECIFICATIONS

Configuration	6 core - 3 individually screened phase cores plus 3 un-screened pilot cores plus a semi-conducting cradle dummy center.
Voltage rating	640/1100 V
Specification	SABS 1520 Part 1. Low-voltage (640/1100 V and 1900/3300 V) cables.
Application	Wiring of mobile machinery, Roof Drills and Low Loaders.



TYPE 61B NON-REELING LOW MASS CABLE

16 mm² - 95 mm²

DESCRIPTION

Conductor: Flexible tinned/plain soft copper -
SANS 1411-1 Class 5

Insulation: EPM extruded cores - SANS 1411-3 RD3

Sheath: CM (black or yellow), reinforced EHD RS3

SPECIFICATIONS

Configuration	6 core - 3 individually screened phase cores plus 3 un-screened pilot cores laid up around an elastomeric dummy center
Voltage Rating	640/1100 V
Specification	SABS 1520 Part 1. Low-voltage (640/1100 V and 1900/3300 V) cables
Application	Roof Drills and Low LoadersC



TRACKLESS MINING CABLE

16 mm² - 95 mm²

DESCRIPTION

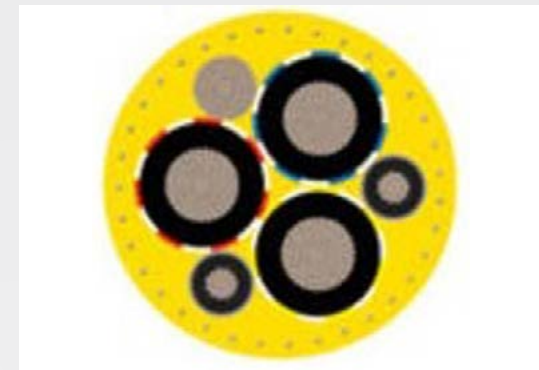
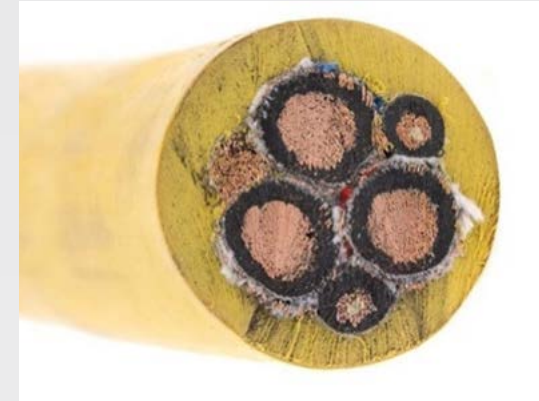
Conductor: Flexible tinned/plain soft copper - SANS 1411-1 Class 5

Insulation: EPM extruded cores - SANS 1411-3 RD3

Sheath: CM (black or yellow), reinforced EHD RS6

SPECIFICATIONS

Configuration	6 core - 3 individually screened phase cores plus 1 or 2 un-screened pilot cores plus 1 or 2 Earth Continuity Conductors
Voltage Rating	640/1100 V
Specification	SABS 1520 Part 1. Low-voltage (640/1100 V) cables
Application	Single, double and triple boom drilling Rigs



HEAVY DUTY WELDING CABLE

16 mm² - 120 mm²

DESCRIPTION

Conductor: Flexible tinned/plain soft copper - SANS 1411-1 Class 5

Insulation: EPM black as per RD3 of SABS 1411 p3

Sheath: CSM - Flame-retardant, resistant to oils, dilute chemicals and ozone. as per RS5 SABS 1411 p 3

SPECIFICATIONS

Configuration	Single core 16 mm ² to 120 mm ²
Voltage Rating	Typically 100 V to earth according to duty cycle - 640/1100V
Specification	SABS 1520 Single core arc welding
Application	Heavy duty welding leads for automatic and manual welding procedures



H07RN-F

4 mm² - 35 mm²

DESCRIPTION

- Conductor: Plain annealed copper wire SABS 1411 Class 5
- Insulation: EPM black as per RD3 of SABS 1411 p3
- Sheath: CSM - Flame-retardant, resistant to oils, dilute chemicals and ozone. as per RS5 SABS 1411 p 3



SPECIFICATIONS

Conductor	Plain annealed copper wire SABS 1411 Class 5
Insulation	EPM SANS RD2 Spark Test Voltage 6kV rms Withstand Test 2kV rms 10 minutes
Sheath	Heavy Duty CM SANS RS4 Colours: Black, other colours on request.
Configuration	DUMMY CORE: (5 CORE CENTER) - EPM
Specification	SANS 1574: 2007

AERIAL BUNDLE CONDUCTOR (ABC) CABLE

DESCRIPTION

Self-supporting system consists of four cores of hard-drawn stranded and compacted aluminum conductors of equal cross-section and insulated with carbon-loaded XLPE to ensure UV protection. All cores strained equally. Supporting-core system consists of three phase cores of hard-drawn stranded compacted aluminium conductors insulated with carbon-loaded XLPE laid up around an aluminium-alloy supporting core insulated with carbon loaded XLPE to ensure UV protection. Additional sub-conductors optional in both self-supporting and supporting-core systems.

SPECIFICATIONS

Specification	SANS 1418 Part 1 and 2
Temperature range	-10°C to 80°C
Voltage rating	600/1000V
Core Identification	Phase 1,2 and 3 indented, • Non strain-bearing neutral, 2 longitudinal ribs on opposite surfaces 0,5mm x 1,00mm • Strain-bearing (supporting), 1 longitudinal rib on one surface 0,5mm x 1,00mm

PROPERTIES

Economical, Flexible, Safe, Vandalproof, Durable, Aesthetically pleasing, Adaptable



LineIT

BARE

CONDUCTOR

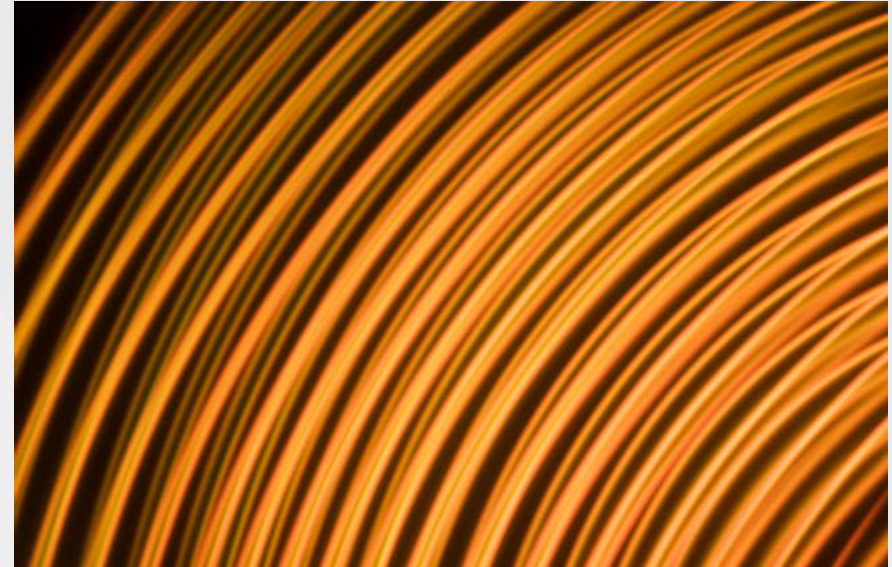
BARE COPPER EARTH WIRE

DESCRIPTION

- Plain copper stranded single core annealed wire
- High conductivity copper conductors to SANS 1411

SPECIFICATIONS

Specification	SANS 1411-1
Temperature Range	-10 to + 70°C
Sheath Identification	Copper



ALUMINIUM CONDUCTOR STEEL REINFORCED (ACSR)

DESCRIPTION

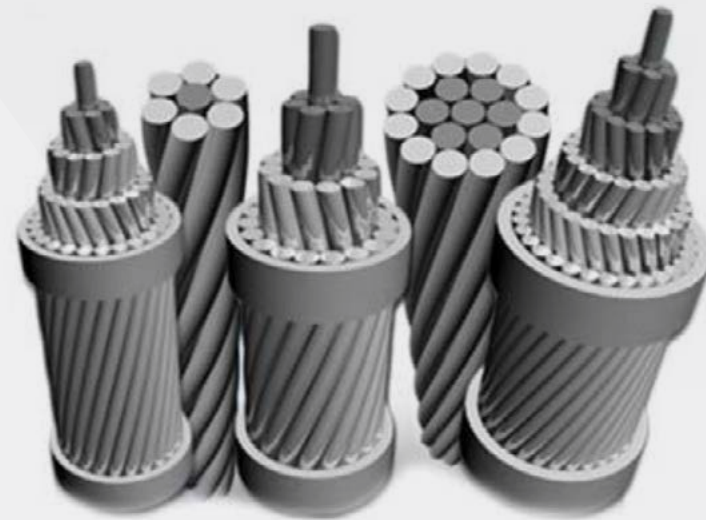
Plain hard drawn aluminium strands laid up around a galvanised steel wire centre strand.

APPLICATION:

Conductor for overhead transmission lines.

SPECIFICATION:

IEC 61089



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