

### DATA SHEET

SINGLE CORE ARMOURED REDUCED HALOGEN EMISSION AND REDUCED FLAME PROPAGATION (LHFR) LV POWER CABLE

Single Core Cable Description : Aluminium Conductor, PVC Insulated, PVC-LHFR Inner Sheathed, Aluminium Wire Armoured, Overall LHFR- PVC Outer Sheathed Low Voltage Cable.

Make	NEELKANTH CABLES LIMITED
Reference Standard	As per SANS:1507-3, ZS-688-3, & BS 6346
Voltage Grade	600/1000 Volt
Operating Temperature	70°C
Max. Temp. During Short Circuit	160°C

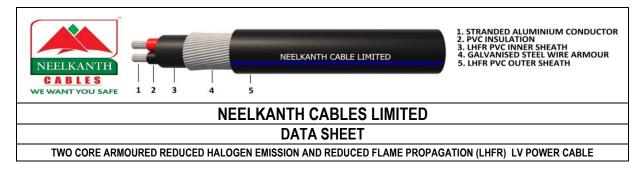
Range of Product Single Core 16 Sq.mm up to 1000 Sq.mm

#### Application

Thease power cables are used for electricity supply in low voltage installation system.they are well adapted to underground, outdoors, use in industrial applications where chemical and mechanical protections are needed.

Construction Conductor	Aluminium Conductor, round stranded or shaped class 2 to SANS 1411-1	
Insulation	PVC(Polyvinyal Chloride)as per SANS 141	1-2 & ZS 756 -2
Insulation colour	as per SANS 1507-3 & ZS 688-3 1 Core : Red or as per Requirement	as per BS 6346 1 Core : Brown or as per Requirement
Filler (Optional)	PVC or Polypropylene yarn	
Binder Tape (Optional)	Polyester Tape	
Inner Sheath/Bedding	LHFR-PVC(Reduced Halogen Emission & Reduced Flame Propagation Polyvinyal Chloride) as per SANS 1411-2	
Armour	Single Core : Aluminium Wire Armoured(AWA)	
Outer Sheath	LHFR-PVC(Reduced Halogen Emission & Reduced Flame Propagation Polyvinyal Chloride) as per SANS 1411-2 colour: Black with Blue Stripe or as per Requirement	
Technical Characteristic		quirement
Voltage Grade Test Voltage Spark Test Voltage	600/1000V Up to 16 Sq.mm 3 kV for 5 Minute, 25 Sq.n Up to and including 16 Sq.mm 6 kV Up to and including 240 Sq.mm 10 kV Above 240 Sq.mm 12 kV	nm and above 4.5 kV for 5 Minute
Insulation Volume Resistivity Temperature Rating Flame Retardent Reduced Halogen Emission Minimum Installation Bending Radius	Minimum 1 x 10 <sup>13</sup> Ohm-cm -15°C to +70°C SANS 60332 Part 1,2&3 SANS 5956 10 x Overall Diameter	
Marking & Packing Marking over the sheath Sequentail Length Marking Cable Length Type of Drum	NEELKANTH CABLES , CABLE SIZE, 600 MANUFACTURING Shall be provided on outer sheath at every Multiple of 250/500/1000 or as per Require Wooden Drum Fully Packed with Lagging	

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Single Core Cable Description : Aluminium Conductor, PVC Insulated, PVC-LHFR Inner Sheathed, Aluminium Wire Armoured, Overall LHFR- PVC Outer Sheathed Low Voltage Cable.

MakeNEELKANTH CABLES LIMITEDReference StandardAs per SANS:1507-3, ZS-688-3, & BS 6346Voltage Grade600/1000 VoltOperating Temperature70°CMax. Temp. During Short Circuit160°C

Range of Product

1.5 Sq.mm up to 500 Sq.mm

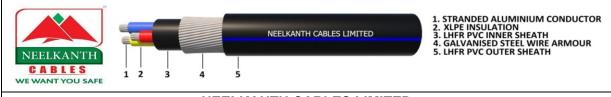
#### Application

Thease power cables are used for electricity supply in low voltage installation system.they are well adapted to underground, outdoors, use in industrial applications where chemical and mechanical protections are needed.

Construction Conductor	Aluminium Conductor, round stranded or shaped class 2 to SANS 1411-1	
Insulation	PVC(Polyvinyal Chloride)as per SANS 14	11-2 & ZS 756 -2
Insulation colour	as per SANS 1507-3 & ZS 688-3 2 Core : Red, Black	as per BS 6346 2 Core : Brown,Blue
Filler (Optional)	PVC or Polypropylene yarn	
Binder Tape (Optional)	Polyester Tape	
Inner Sheath/Bedding	LHFR-PVC(Reduced Halogen Emission & Reduced Flame Propagation Polyvinyal Chloride) as per SANS 1411-2	
Armour	Galvanised Steel Wire Armoured (SWA)	
Outer Sheath	LHFR-PVC(Reduced Halogen Emission & Reduced Flame Propagation Polyvinyal Chloride) as per SANS 1411-2 colour: Black with Blue Stripe or as per Requirement	
Technical Characteristic		
Voltage Grade	600/1000V	
Test Voltage	Up to 16 Sq.mm 3 kV for 5 Minute, 25 Sq.mm and above 4.5 kV for 5 Minute	
Spark Test Voltage	Up to and including 16 Sq.mm 6 kV Up to and including 240 Sq.mm 10 kV	
	Above 240 Sq.mm 12 kV	
Insulation Volume Resistivity	Minimum 1 x 10 <sup>13</sup> Ohm-cm	
Temperature Rating	-15°C to +70°C	
Flame Retardent	SANS 60332 Part 1,2&3	
Reduced Halogen Emission	SANS 5956	
Minimum Installation Bending Radius	10 x Overall Diameter	
Marking & Packing		
Marking over the sheath	NEELKANTH CABLES , CABLE SIZE, 600/1000V AL/PVC/SWA/PVC-LHFR ELECTRIC CABLE , YEAR OF MANUFACTURING	
Sequentail Length Marking	Shall be provided on outer sheath at every one Meter	
Cable Length	Multiple of 250/500/1000 or as per Requirement	
Type of Drum	Wooden Drum Fully Packed with Lagging	
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### DATA SHEET

THREE CORE ARMOURED REDUCED HALOGEN EMISSION AND REDUCED FLAME PROPAGATION (LHFR) LV POWER CABLE

Single Core Cable Description : Aluminium Conductor, PVC Insulated, PVC-LHFR Inner Sheathed, Aluminium Wire Armoured, Overall LHFR- PVC Outer Sheathed Low Voltage Cable.

Make	NEELKANTH CABLES LIMITED
Reference Standard	As per SANS:1507-3, ZS-688-3, & BS 6346
Voltage Grade	600/1000 Volt
Operating Temperature	70°C
Max. Temp. During Short Circuit	160°C

Range of Product

Version

1.5 Sq.mm up to 500 Sq.mm

### Application

Thease power cables are used for electricity supply in low voltage installation system.they are well adapted to underground, outdoors, use in industrial applications where chemical and mechanical protections are needed .

Construction Conductor	Aluminium Conductor, round stranded or shaped class 2 to SANS 1411-1		
Insulation	PVC(Polyvinyal Chloride)as per SANS 14	11-2 & ZS 756 -2	
Insulation colour	as per SANS 1507-3 & ZS 688-3 3 Core : Red, Yellow,Blue	as per BS 6346 3 Core : Brown,Black Grey	
Filler (Optional)	PVC or Polypropylene yarn		
Binder Tape (Optional)	Polyester Tape		
Inner Sheath/Bedding	LHFR-PVC(Reduced Halogen Emission 8 as per SANS 1411-2	LHFR-PVC(Reduced Halogen Emission & Reduced Flame Propagation Polyvinyal Chloride) as per SANS 1411-2	
Armour	Galvanised Steel Wire Armoured (SWA)		
Outer Sheath	LHFR-PVC(Reduced Halogen Emission & Reduced Flame Propagation Polyvinyal Chloride) as per SANS 1411-2 colour: Black with Blue Stripe or as per Requirement		
Technical Characteristic			
Voltage Grade	600/1000V		
Test Voltage	Up to 16 Sq.mm 3 kV for 5 Minute, 25 Sq.mm and above 4.5 kV for 5 Minute		
Spark Test Voltage	Up to and including 16 Sq.mm 6 kV Up to and including 240 Sq.mm 10 kV Above 240 Sq.mm 12 kV		
Insulation Volume Resistivity	Minimum 1 x 10 <sup>13</sup> Ohm-cm		
Temperature Rating	-15°C to +70°C		
Flame Retardent	SANS 60332 Part 1,2&3		
Reduced Halogen Emission Minimum Installation Bending Radius	SANS 5956 10 x Overall Diameter		
Marking & Packing			
Marking over the sheath	NEELKANTH CABLES , CABLE SIZE, 600/1000V AL/PVC/SWA/PVC-LHFR ELECTRIC CABLE , YEAR OF MANUFACTURING		
Sequentail Length Marking	Shall be provided on outer sheath at every one Meter		
Cable Length	Multiple of 250/500/1000 or as per Requirement		
Type of Drum	Wooden Drum Fully Packed with Lagging		
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### THREE CORE WITH REDUCED NEUTRAL ARMOURED REDUCED HALOGEN EMISSION AND REDUCED FLAME PROPAGATION (LHFR) LV POWER CABLE

Single Core Cable Description : Aluminium Conductor, PVC Insulated, PVC-LHFR Inner Sheathed, Aluminium Wire Armoured, Overall LHFR- PVC Outer Sheathed Low Voltage Cable.

Make	NEELKANTH CABLES LIMITED
Reference Standard	As per SANS:1507-3, ZS-688-3, & BS 6346
Voltage Grade	600/1000 Volt
Operating Temperature	70°C
Max. Temp. During Short Circuit	160°C

Range of Product

Version

25 Sq.mm up to 500 Sq.mm

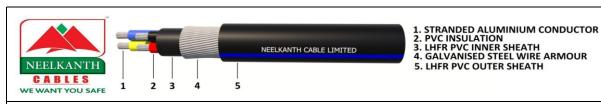
#### Application

Thease power cables are used for electricity supply in low voltage installation system they are well adapted to underground, outdoors, use in industrial applications where chemical and mechanical protections are needed .

Construction Conductor	Aluminium Conductor, round stranded or shaped class 2 to SANS 1411-1		
Insulation	PVC(Polyvinyal Chloride)as per SANS 14	11-2 & ZS 756 -2	
Insulation colour	as per SANS 1507-3 & ZS 688-3 3.5 Core : Red, Yellow,Blue,Black	as per BS 6346 3.5 Core : Brown,Blue,Black Grey	
Filler (Optional)	PVC or Polypropylene yarn		
Binder Tape (Optional)	Polyester Tape		
Inner Sheath/Bedding	LHFR-PVC(Reduced Halogen Emission 8 as per SANS 1411-2	LHFR-PVC(Reduced Halogen Emission & Reduced Flame Propagation Polyvinyal Chloride) as per SANS 1411-2	
Armour	Galvanised Steel Wire Armoured (SWA)		
Outer Sheath	LHFR-PVC(Reduced Halogen Emission & Reduced Flame Propagation Polyvinyal Chloride) as per SANS 1411-2 colour: Black with Blue Stripe or as per Requirement		
<b>Technical Characteristic</b> Voltage Grade Test Voltage Spark Test Voltage	600/1000V Up to 16 Sq.mm 3 kV for 5 Minute, 25 Sq Up to and including 16 Sq.mm 6 kV Up to and including 240 Sq.mm 10 kV Above 240 Sq.mm 12 kV	mm and above 4.5 kV for 5 Minute	
Insulation Volume Resistivity Temperature Rating Flame Retardent Reduced Halogen Emission Minimum Installation Bending Radius	Minimum 1 x $10^{13}$ Ohm-cm -15°C to +70°C SANS 60332 Part 1,2&3 SANS 5956 10 x Overall Diameter		
Marking & Packing			
Marking over the sheath	NEELKANTH CABLES , CABLE SIZE, 600/1000V AL/PVC/SWA/PVC-LHFR ELECTRIC CABLE , YEAR OF MANUFACTURING		
Sequentail Length Marking	Shall be provided on outer sheath at every one Meter		
Cable Length	Multiple of 250/500/1000 or as per Requirement		
Type of Drum	Wooden Drum Fully Packed with Lagging		
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Issue Date: 29/04/2021



## DATA SHEET

FOUR CORE ARMOURED REDUCED HALOGEN EMISSION AND REDUCED FLAME PROPAGATION (LHFR) LV POWER CABLE

Single Core Cable Description : Aluminium Conductor, PVC Insulated, PVC-LHFR Inner Sheathed, Aluminium Wire Armoured, Overall LHFR- PVC Outer Sheathed Low Voltage Cable.

Make	NEELKANTH CABLES LIMITED
Reference Standard	As per SANS:1507-3, ZS-688-3, & BS 6346
Voltage Grade	600/1000 Volt
Operating Temperature	70°C
Max. Temp. During Short Circuit	160°C

Range of Product 1.5 Sq.mm up to 500 Sq.mm

### Application

Thease power cables are used for electricity supply in low voltage installation system.they are well adapted to underground, outdoors, use in industrial applications where chemical and mechanical protections are needed.

Construction Conductor	Aluminium Conductor, round stranded or shaped class 2 to SANS 1411-1		
Insulation	PVC(Polyvinyal Chloride)as per SANS 14	11-2 & ZS 756 -2	
Insulation colour	as per SANS 1507-3 & ZS 688-3 4 Core : Red, Yellow,Blue,Black	as per BS 6346 4 Core : Brown,Blue,Black Grey	
Filler (Optional)	PVC or Polypropylene yarn		
Binder Tape (Optional)	Polyester Tape		
Inner Sheath/Bedding	LHFR-PVC(Reduced Halogen Emission & as per SANS 1411-2	LHFR-PVC(Reduced Halogen Emission & Reduced Flame Propagation Polyvinyal Chloride) as per SANS 1411-2	
Armour	Galvanised Steel Wire Armoured (SWA)	Galvanised Steel Wire Armoured (SWA)	
Outer Sheath	LHFR-PVC(Reduced Halogen Emission & Reduced Flame Propagation Polyvinyal Chloride) as per SANS 1411-2 colour: Black with Blue Stripe or as per Requirement		
<b>Technical Characteristic</b> Voltage Grade Test Voltage Spark Test Voltage	600/1000V Up to 16 Sq.mm 3 kV for 5 Minute, 25 Sq.mm and above 4.5 kV for 5 Minute Up to and including 16 Sq.mm 6 kV Up to and including 240 Sq.mm 10 kV Above 240 Sq.mm 12 kV		
Insulation Volume Resistivity Temperature Rating Flame Retardent Reduced Halogen Emission Minimum Installation Bending Radius	Minimum 1 x 10 <sup>13</sup> Ohm-cm -15°C to +70°C SANS 60332 Part 1,2&3 SANS 5956 10 x Overall Diameter		
Marking & Packing			
Marking over the sheath	NEELKANTH CABLES , CABLE SIZE, 600/1000V AL/PVC/SWA/PVC-LHFR ELECTRIC CABLE , YEAR OF MANUFACTURING		
Sequentail Length Marking Cable Length Type of Drum	Shall be provided on outer sheath at ever Multiple of 250/500/1000 or as per Requir Wooden Drum Fully Packed with Lagging		
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### DATA SHEET

FIVE CORE ARMOURED REDUCED HALOGEN EMISSION AND REDUCED FLAME PROPAGATION (LHFR) LV POWER CABLE

Single Core Cable Description : Aluminium Conductor, PVC Insulated, PVC-LHFR Inner Sheathed, Aluminium Wire Armoured, Overall LHFR- PVC Outer Sheathed Low Voltage Cable.

Make	NEELKANTH CABLES LIMITED
Reference Standard	As per SANS:1507-3, ZS-688-3, & BS 6346
Voltage Grade	600/1000 Volt
Operating Temperature	70°C
Max. Temp. During Short Circuit	160°C

Range of Product

1.5 Sq.mm up to 500 Sq.mm

#### Application

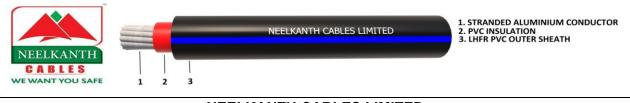
Thease power cables are used for electricity supply in low voltage installation system.they are well adapted to underground, outdoors, use in industrial applications where chemical and mechanical protections are needed .

Construction Conductor	Aluminium Conductor, round stranded or shaped class 2 to SANS 1411-1	
Insulation	PVC(Polyvinyal Chloride)as per SANS 14	11-2 & ZS 756 -2
Insulation colour	as per SANS 1507-3 & ZS 688-3 5 Core : Red, Yellow,Blue,Black,Grey	as per BS 6346 5 Core : Green/Yellow,Brown,Blue,Black Grey
Filler (Optional)	PVC or Polypropylene yarn	
Binder Tape (Optional)	Polyester Tape	
Inner Sheath/Bedding	LHFR-PVC(Reduced Halogen Emission & as per SANS 1411-2	Reduced Flame Propagation Polyvinyal Chloride)
Armour	Galvanised Steel Wire Armoured (SWA)	
Outer Sheath	LHFR-PVC(Reduced Halogen Emission & as per SANS 1411-2 colour: Black with Blue Stripe or as per Re	Reduced Flame Propagation Polyvinyal Chloride)
Technical Characteristic	bolour. Black with Blace outpe of as per ra	
Voltage Grade	600/1000V	
Test Voltage	Up to 16 Sq.mm 3 kV for 5 Minute, 25 Sq.	mm and above 4.5 kV for 5 Minute
Spark Test Voltage	Up to and including 16 Sq.mm 6 kV	
	Up to and including 240 Sq.mm 10 kV	
	Above 240 Sq.mm 12 kV	
Insulation Volume Resistivity	Minimum 1 x 10 <sup>13</sup> Ohm-cm	
Temperature Rating	-15°C to +70°C	
Flame Retardent	SANS 60332 Part 1,2&3	
Reduced Halogen Emission	SANS 5956	
Minimum Installation Bending Radius	10 x Overall Diameter	
Marking & Packing		
Marking over the sheath	NEELKANTH CABLES , CABLE SIZE, 60 MANUFACTURING	0/1000V AL/PVC/SWA/PVC-LHFR ELECTRIC CABLE , YEAR OF
Sequentail Length Marking	Shall be provided on outer sheath at ever	/ one Meter
Cable Length	Multiple of 250/500/1000 or as per Requir	ement
Type of Drum	Wooden Drum Fully Packed with Lagging	
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### NEELKANTH CABLES LIMITED DATA SHEET

SINGLE CORE UNARMOURED REDUCED HALOGEN EMISSION AND REDUCED FLAME PROPAGATION (LHFR) LV POWER CABLE

Single Core Cable Description : Aluminiu	m Conductor, PVC Insulated, PVC-LHFR Inner Sheathed, Overall LHFR- PVC Outer Sheathed Low Voltage
Make	NEELKANTH CABLES LIMITED
Reference Standard	As per SANS:1507-3, ZS-688-3, & BS 6346
Voltage Grade	600/1000 Volt
Operating Temperature	70°C
Max. Temp. During Short Circuit	160°C

Range of Product

Single Core 16 Sq.mm up to 1000 Sq.mm

#### Application

Thease power cables are used for electricity supply in low voltage installation system.they are well adapted to underground, outdoors, use in industrial applications where chemical and mechanical protections are needed .

Construction Conductor	Aluminium Conductor, round stranded or to SANS 1411-1	shaped class 2
Insulation	PVC(Polyvinyal Chloride)as per SANS 14	11-2 & ZS 756 -2
Insulation colour	as per SANS 1507-3 & ZS 688-3 1 Core : Red or as per Requirement	as per BS 6346 1 Core : Brown or as per Requirement
Filler (Optional)	PVC or Polypropylene yarn	
Binder Tape (Optional)	Polyester Tape	
Outer Sheath	LHFR-PVC(Reduced Halogen Emission & as per SANS 1411-2 colour: Black with Blue Stripe or as per Re	Reduced Flame Propagation Polyvinyal Chloride)
<b>Technical Characteristic</b> Voltage Grade Test Voltage Spark Test Voltage	600/1000V Up to 16 Sq.mm 3 kV for 5 Minute, 25 Sq. Up to and including 16 Sq.mm 6 kV Up to and including 240 Sq.mm 10 kV Above 240 Sq.mm 12 kV	mm and above 4.5 kV for 5 Minute
Insulation Volume Resistivity Temperature Rating Flame Retardent Reduced Halogen Emission Minimum Installation Bending Radius	Minimum 1 x 10 <sup>13</sup> Ohm-cm -15°C to +70°C SANS 60332 Part 1,2&3 SANS 5956 8 x Overall Diameter	
Marking & Packing		
Marking over the sheath	NEELKANTH CABLES , CABLE SIZE, 60 MANUFACTURING	0/1000V, AL/PVC/PVC-LHFR ELECTRIC CABLE , YEAR OF
Sequentail Length Marking Cable Length Type of Drum	Shall be provided on outer sheath at ever Multiple of 250/500/1000 or as per Requir Wooden Drum Fully Packed with Lagging	
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TWO CORE UNARMOURED REDUCED HALOGEN EMISSION AND REDUCED FLAME PROPAGATION (LHFR) LV POWER CABLE

Single Core Cable Description : Aluminium Conductor, PVC Insulated, PVC-LHFR Inner Sheathed, Overall LHFR- PVC Outer Sheathed Low Voltage Cable.

NEELKANTH CABLES LIMITED
As per SANS:1507-3, ZS-688-3, & BS 6346
600/1000 Volt
70°C
160°C

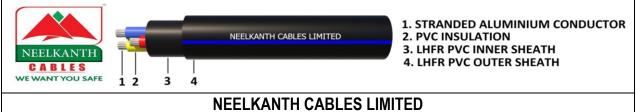
Range of Product

1.5 Sq.mm up to 500 Sq.mm

#### Application

Thease Power cables are used for electricity supply in low voltage installation system.they are well adapted to underground, outdoors, use in industrial applications where chemical and mechanical protections are needed.

Construction Conductor	Aluminium Conductor, round stranded or shaped class 2 to SANS 1411-1	
Insulation	PVC(Polyvinyal Chloride)as per SANS 1411-2 & ZS 756 -2	
Insulation colour	as per SANS 1507-3 & ZS 688-3 2 core: Red,Black	as per BS 6346 2 core: Blue,Brown
Filler (Optional)	PVC or Polypropylene yarn	
Binder Tape (Optional)	Polyester Tape	
Inner Sheath/Bedding	LHFR-PVC(Reduced Halogen Emission & Reduce as per SANS 1411-2	ed Flame Propagation Polyvinyal Chloride)
Outer Sheath	LHFR-PVC(Reduced Halogen Emission & Reduced Flame Propagation Polyvinyal Chloride) as per SANS 1411-2 colour: Black with Blue Stripe or as per Requirement	
Technical Characteristic Voltage Grade Test Voltage Spark Test Voltage Insulation Volume Resistivity	600/1000V Up to 16 Sq.mm 3 kV for 5 Minute, 25 Sq.mm and Up to and including 16 Sq.mm 6 kV Up to and including 240 Sq.mm 10 kV Above 240 Sq.mm 12 kV Minimum 1 x 10 <sup>13</sup> Ohm-cm	l above 4.5 kV for 5 Minute
Temperature Rating Flame Retardent Reduced Halogen Emission Minimum Installation Bending Radius	-15°C to +70°C SANS 60332 Part 1,2&3 ion SANS 5956	
Marking & Packing		
Marking over the sheath	NEELKANTH CABLES , CABLE SIZE, 600/1000V MANUFACTURING	/, AL/PVC/PVC-LHFR ELECTRIC CABLE , YEAR OF
Sequentail Length Marking Cable Length Type of Drum	Shall be provided on outer sheath at every one Meter Multiple of 250/500/1000 or as per Requirement Wooden Drum Fully Packed with Lagging	
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THREE CORE UNARMOURED REDUCED HALOGEN EMISSION AND REDUCED FLAME PROPAGATION (LHFR) LV POWER CABLE

Single Core Cable Description : Aluminium Conductor, PVC Insulated, PVC-LHFR Inner Sheathed, Overall LHFR- PVC Outer Sheathed Low Voltage Cable.

Make	NEELKANTH CABLES LIMITED
Reference Standard	As per SANS:1507-3, ZS-688-3, & BS 6346
Voltage Grade	600/1000 Volt
Operating Temperature	70°C
Max. Temp. During Short Circuit	160°C

#### Range of Product

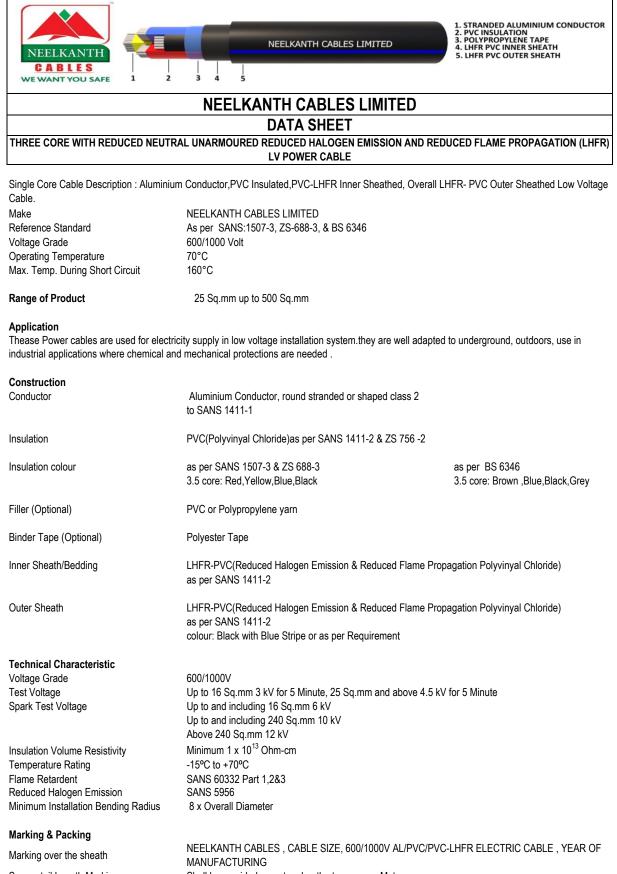
1.5 Sq.mm up to 500 Sq.mm

#### Application

Thease Power cables are used for electricity supply in low voltage installation system they are well adapted to underground, outdoors, use in industrial applications where chemical and mechanical protections are needed .

Construction Conductor	Aluminium Conductor, round stranded or shaped class 2 to SANS 1411-1	
Insulation	PVC(Polyvinyal Chloride)as per SANS 1411-2 & ZS 756 -2	
Insulation colour	as per SANS 1507-3 & ZS 688-3 3 core: Red,Yellow,Blue	as per BS 6346 3 core: Brown ,Black,Grey
Filler (Optional)	PVC or Polypropylene yarn	
Binder Tape (Optional)	Polyester Tape	
Inner Sheath/Bedding	LHFR-PVC(Reduced Halogen Emission & Reduced Flame Prop as per SANS 1411-2	agation Polyvinyal Chloride)
Outer Sheath	LHFR-PVC(Reduced Halogen Emission & Reduced Flame Prop as per SANS 1411-2 colour: Black with Blue Stripe or as per Requirement	agation Polyvinyal Chloride)
Technical Characteristic Voltage Grade Test Voltage Spark Test Voltage Insulation Volume Resistivity Temperature Rating	600/1000V Up to 16 Sq.mm 3 kV for 5 Minute, 25 Sq.mm and above 4.5 kV Up to and including 16 Sq.mm 6 kV Up to and including 240 Sq.mm 10 kV Above 240 Sq.mm 12 kV Minimum 1 x 10 <sup>13</sup> Ohm-cm -15°C to +70°C	for 5 Minute
Flame Retardent Reduced Halogen Emission	SANS 60332 Part 1,2&3 SANS 5956	
Minimum Installation Bending Radius	8 x Overall Diameter	
Marking & Packing		
Marking over the sheath	NEELKANTH CABLES , CABLE SIZE, 600/1000V AL/PVC/PVC MANUFACTURING	J-LHER ELECTRIC CABLE , YEAR OF
Sequentail Length Marking	Shall be provided on outer sheath at every one Meter	
Cable Length Type of Drum	Multiple of 250/500/1000 or as per Requirement Wooden Drum Fully Packed with Lagging	
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Sequentail Length Marking Cable Length Type of Drum NEELKANTH CABLES, CABLE SIZE, 600/1000V AL/PVC/PVC-LHFR ELECTRIC CABLE, YEAR OF MANUFACTURING Shall be provided on outer sheath at every one Meter Multiple of 250/500/1000 or as per Requirement Wooden Drum Fully Packed with Lagging

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FOUR CORE UNARMOURED REDUCED HALOGEN EMISSION AND REDUCED FLAME PROPAGATION (LHFR) LV POWER CABLE

Single Core Cable Description : Aluminium Conductor, PVC Insulated, PVC-LHFR Inner Sheathed, Overall LHFR- PVC Outer Sheathed Low Voltage Cable.

Make	NEELKANTH CABLES LIMITED
Reference Standard	As per SANS:1507-3, ZS-688-3, & BS 6346
Voltage Grade	600/1000 Volt
Operating Temperature	70°C
Max. Temp. During Short Circuit	160°C

1.5 Sq.mm up to 500 Sq.mm

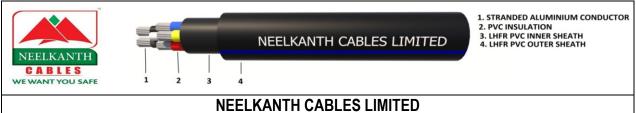
Range of Product

#### Application

Thease Power cables are used for electricity supply in low voltage installation system they are well adapted to underground, outdoors, use in industrial applications where chemical and mechanical protections are needed .

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Type of Drum	Wooden Drum Fully Packed with Lagging	
Cable Length	Multiple of 250/500/1000 or as per Requirement	
Sequentail Length Marking	Shall be provided on outer sheath at every one Meter	
Marking over the sheath	NEELKANTH CABLES , CABLE SIZE, 600/1000V AL/PVC/PVC MANUFACTURING	-LHFR ELECTRIC CABLE , YEAR OF
Marking & Packing		
Minimum Installation Bending Radius	8 x Overall Diameter	
Reduced Halogen Emission	SANS 5956	
Flame Retardent	SANS 60332 Part 1,2&3	
Temperature Rating	-15°C to +70°C	
Insulation Volume Resistivity	Minimum 1 x 10 <sup>13</sup> Ohm-cm	
	Up to and including 240 Sq.mm 10 kV Above 240 Sq.mm 12 kV	
Spark Test Voltage	Up to and including 16 Sq.mm 6 kV	
Test Voltage	Up to 16 Sq.mm 3 kV for 5 Minute, 25 Sq.mm and above 4.5 kV	for 5 Minute
Voltage Grade	600/1000V	
Technical Characteristic		
	colour: Black with Blue Stripe or as per Requirement	
	as per SANS 1411-2	
Outer Sheath	LHFR-PVC(Reduced Halogen Emission & Reduced Flame Prop	agation Polyvinyal Chloride)
miler offeatil/Deading	as per SANS 1411-2	agation i olyvinyai onionaej
Inner Sheath/Bedding	LHFR-PVC(Reduced Halogen Emission & Reduced Flame Prop	agation Polyvinval Chloride)
Binder Tape (Optional)	Polyester Tape	
Filler (Optional)	PVC or Polypropylene yarn	
	4 core: Red,Yellow,Blue,Black	4 core: Brown ,Blue,Black,Grey
Insulation colour	as per SANS 1507-3 & ZS 688-3	as per BS 6346
Insulation	PVC(Polyvinyal Chloride)as per SANS 1411-2 & ZS 756 -2	
	10 SAINS 1411-1	
Conductor	Aluminium Conductor, round stranded or shaped class 2 to SANS 1411-1	
Construction		

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FIVE CORE UNARMOURED REDUCED HALOGEN EMISSION AND REDUCED FLAME PROPAGATION (LHFR) LV POWER CABLE

Single Core Cable Description : Aluminium Conductor, PVC Insulated, PVC-LHFR Inner Sheathed, Overall LHFR- PVC Outer Sheathed Low Voltage Cable.

Make	NEELKANTH CABLES LIMITED
Reference Standard	As per SANS:1507-3, ZS-688-3, & BS 6346
Voltage Grade	600/1000 Volt
Operating Temperature	70°C
Max. Temp. During Short Circuit	160°C

Range of Product

1.5 Sq.mm up to 500 Sq.mm

### Application

Thease Power cables are used for electricity supply in low voltage installation system.they are well adapted to underground, outdoors, use in industrial applications where chemical and mechanical protections are needed .

Insulation       PVC(Polyvinyal Chloride)as per SANS 1411-2 & ZS 756 -2         Insulation colour       as per SANS 1507-3 & ZS 688-3 5 Core : Red, Yellow,Blue,Black,Grey       as per BS 6346 5 Core : Green/Yellow,Brown,Blue,Black Grey         Filler (Optional)       PVC or Polypropylene yarn       Edited (Optional)         Binder Tape (Optional)       Polyester Tape         Inner Sheath/Bedding       LHFR.PVC(Reduced Halogen Emission & Reduced Flame Propagation Polyvinyal Chloride) as per SANS 1411-2 colour: Black with Blue Stripe or as per Requirement         Outer Sheath       LHFR.PVC(Reduced Halogen Emission & Reduced Flame Propagation Polyvinyal Chloride) as per SANS 1411-2 colour: Black with Blue Stripe or as per Requirement         Voltage Grade       600/1000V         Technical Characteristic       Voltage Grade         Voltage Grade       600/1000V         Test Voltage       Up to 16 Sq.mm 3 kV for 5 Minute, 25 Sq.mm and above 4.5 kV for 5 Minute Above 240 Sq.mm 10 kV Above 240 Sq.mm 12 kU         Insulation Volume Resistivity       Minimum 1 x 10 <sup>13</sup> Ohm-cm         Temperature Rating       -15°C to +70°C         Flame Retardent       SANS 5956         Marking & Packing       S × Overall Diameter         Marking Over the sheath       NEELKANTH CABLES, CABLE SIZE, 600/1000V AL/PVC/PVC-LHFR ELECTRIC CABLE , YEAR OF MANUFACTURING         Sequentail Length	Construction Conductor	Aluminium Conductor, round stranded or shaped class 2 to SANS 1411-1		
s Čore : Red, Yellow,Blue,Black,Grey     5 Čore : Green/Yellow,Brown,Blue,Black Grey       Filler (Optional)     PVC or Polypropylene yarn       Binder Tape (Optional)     Polyester Tape       Inner Sheath/Bedding     LHFR-PVC/(Reduced Halogen Emission & Reduced Flame Propagation Polyvinyal Chloride) as per SANS 1411-2       Outer Sheath     LHFR-PVC/(Reduced Halogen Emission & Reduced Flame Propagation Polyvinyal Chloride) as per SANS 1411-2 colour: Black with Blue Stripe or as per Requirement       Technical Characteristic     Voltage Grade       Voltage Grade     600/1000V       Test Voltage     Up to 16 Sq.mm 3 kV for 5 Minute, 25 Sq.mm and above 4.5 kV for 5 Minute       Spark Test Voltage     Up to and including 16 Sq.mm 10 kV Above 240 Sq.mm 12 kV       Minimum Installation Bending Radius     8 VOerall Diameter       Marking & Packing     SANS 5956       Marking & Packing     Shall be provided on outer sheath at every one Meter (Abule of Drum       Sequential Length Marking     Shall be provided on outer sheath at every one Meter (Type of Drum       Data Sheet No.     10239	Insulation	PVC(Polyvinyal Chloride)as per SANS 1411-2 & ZS 756 -2		
Binder Tape (Optional)       Polyester Tape         Inner Sheath/Bedding       LHFR-PVC(Reduced Halogen Emission & Reduced Flame Propagation Polyvinyal Chloride) as per SANS 1411-2         Outer Sheath       LHFR-PVC(Reduced Halogen Emission & Reduced Flame Propagation Polyvinyal Chloride) as per SANS 1411-2 colour: Black with Blue Stripe or as per Requirement         Technical Characteristic       600/1000V         Yoltage Grade       600/1000V         Spark Test Voltage       Up to 16 S q.mm 3 kV for 5 Minute, 25 Sq.mm and above 4.5 kV for 5 Minute         Spark Test Voltage       Up to 16 S q.mm 12 kV         Up to and including 16 Sq.mm 6 kV       Up to and including 240 Sq.mm 10 kV         Above 240 Sq.mm 12 kV       Minimum 1 x 10 <sup>13</sup> Ohm-cm         Temperature Rating       -15% C to +70%C         Flame Retardent       SANS 63032 Part 1,283         Reduced Halogen Emission       & XNS 5956         Minimum Installation Bending Radius       & x Overall Diameter         Marking & Packing       NEELKANTH CABLES , CABLE SIZE, 600/1000V AL/PVC/PVC-LHFR ELECTRIC CABLE , YEAR OF MANUFACTURING         Sequential Length Marking       Shall be provided on outer sheath at every one Meter         Cable Length       Multiple of 250/500/1000 or as per Requirement         Type of Drum       Wooden Drum Fully Packed with Lagging	Insulation colour	•	•	
Inner Sheath/Bedding       LHFR-PVC(Reduced Halogen Emission & Reduced Flame Propagation Polyvinyal Chloride) as per SANS 1411-2         Outer Sheath       LHFR-PVC(Reduced Halogen Emission & Reduced Flame Propagation Polyvinyal Chloride) as per SANS 1411-2 colour: Black with Blue Stripe or as per Requirement         Technical Characteristic Voltage Grade       600/1000V         Test Voltage       Up to 16 Sq.mm 3 kV for 5 Minute, 25 Sq.mm and above 4.5 kV for 5 Minute         Spark Test Voltage       Up to and including 16 Sq.mm 6 kV         Up to and including 240 Sq.mm 10 kV       Above 240 Sq.mm 12 kV         Insulation Volume Resistivity       Minimum 1 x 10 <sup>13</sup> Ohm-cm         Temperature Rating       -15°C to -70°C         Flame Retardent       SANS 5956         Minimum Installation Bending Radius       8 x Overall Diameter         Marking & Packing       NEELKANTH CABLES , CABLE SIZE, 600/1000V AL/PVC/PVC-LHFR ELECTRIC CABLE , YEAR OF MANUFACTURING         Sequentail Length Marking       Shall be provided on outer sheath at every one Meter         Cable Length       Multiple of 250/500/1000 or as per Requirement         Type of Drum       Wooden Drum Fully Packed with Lagging	Filler (Optional)	PVC or Polypropylene yarn		
as per SANS 1411-2         Outer Sheath       LHFR-PVC(Reduced Halogen Emission & Reduced Flame Propagation Polyvinyal Chloride) as per SANS 1411-2 colour: Black with Blue Stripe or as per Requirement         Technical Characteristic       Voltage Grade         Voltage Grade       600/1000V         Test Voltage       Up to 16 Sq.mm 3 kV for 5 Minute, 25 Sq.mm and above 4.5 kV for 5 Minute         Spark Test Voltage       Up to and including 16 Sq.mm 6 kV         Up to and including 240 Sq.mm 10 kV         Above 240 Sq.mm 12 kV         Insulation Volume Resistivity         Minimum 1 x 10 <sup>13</sup> Ohm-cm         Temperature Rating         -15°C to +70°C         Flame Retardent         SANS 5956         Minimum Installation Bending Radius         8 x Overall Diameter         Marking & Packing         Marking over the sheath         Marking over the sheath         Marking over the sheath         Marking Oshal be provided on outer sheath at every one Meter         Cable Length       Multiple of 250/500/1000 or as per Requirement         Type of Drum       Wooden Drum Fully Packed with Lagging	Binder Tape (Optional)	Polyester Tape		
as per SANS 1411-2 colour: Black with Blue Stripe or as per Requirement         Technical Characteristic Voltage Grade       600/1000V         Test Voltage       Up to 16 Sq.mm 3 kV for 5 Minute, 25 Sq.mm and above 4.5 kV for 5 Minute         Spark Test Voltage       Up to and including 16 Sq.mm 6 kV Up to and including 240 Sq.mm 10 kV Above 240 Sq.mm 12 kV         Insulation Volume Resistivity       Minimum 1 x 10 <sup>13</sup> Ohm-cm         Temperature Rating       -15% C to +70% C         Flame Retardent       SANS 5956         Minimum Installation Bending Radius       8 x Overall Diameter         Marking & Packing       NEELKANTH CABLES , CABLE SIZE, 600/1000V AL/PVC/PVC-LHFR ELECTRIC CABLE , YEAR OF MANUFACTURING         Sequential Length Marking       Shall be provided on outer sheath at every one Meter         Cable Length       Multiple of 250/500/1000 or as per Requirement         Type of Drum       Wooden Drum Fully Packed with Lagging	Inner Sheath/Bedding			
Voltage Grade       600/1000V         Test Voltage       Up to 16 Sq.mm 3 kV for 5 Minute, 25 Sq.mm and above 4.5 kV for 5 Minute         Spark Test Voltage       Up to and including 16 Sq.mm 6 kV         Up to and including 240 Sq.mm 10 kV       Above 240 Sq.mm 10 kV         Above 240 Sq.mm 12 kV       Insulation Volume Resistivity         Insulation Volume Resistivity       Minimum 1 x 10 <sup>13</sup> Ohm-cm         Temperature Rating       -15°C to +70°C         Flame Retardent       SANS 60332 Part 1,2&3         Reduced Halogen Emission       SANS 5956         Minimum Installation Bending Radius       8 x Overall Diameter         Marking over the sheath       NEELKANTH CABLES , CABLE SIZE, 600/1000V AL/PVC/PVC-LHFR ELECTRIC CABLE , YEAR OF         MANUFACTURING       Shall be provided on outer sheath at every one Meter         Cable Length       Multiple of 250/500/1000 or as per Requirement         Type of Drum       Wooden Drum Fully Packed with Lagging         Data Sheet No.       10239       Page 1 of 1	Outer Sheath	as per SANS 1411-2		
Insulation Volume Resistivity       Minimum 1 x 10 <sup>13</sup> Ohm-cm         Temperature Rating       -15°C to +70°C         Flame Retardent       SANS 60332 Part 1,2&3         Reduced Halogen Emission       SANS 5956         Minimum Installation Bending Radius       8 x Overall Diameter         Marking & Packing       NEELKANTH CABLES , CABLE SIZE, 600/1000V AL/PVC/PVC-LHFR ELECTRIC CABLE , YEAR OF         Marking over the sheath       NEELKANTH CABLES , CABLE SIZE, 600/1000V AL/PVC/PVC-LHFR ELECTRIC CABLE , YEAR OF         Marking over the sheath       NEELKANTH CABLES , CABLE SIZE, 600/1000V AL/PVC/PVC-LHFR ELECTRIC CABLE , YEAR OF         Marking over the sheath       NEELKANTH CABLES , CABLE SIZE, 600/1000V AL/PVC/PVC-LHFR ELECTRIC CABLE , YEAR OF         Marking over the sheath       NEELKANTH CABLES , CABLE SIZE, 600/1000V AL/PVC/PVC-LHFR ELECTRIC CABLE , YEAR OF         Marking over the sheath       NULFACTURING         Sequentail Length Marking       Shall be provided on outer sheath at every one Meter         Cable Length       Multiple of 250/500/1000 or as per Requirement         Type of Drum       Wooden Drum Fully Packed with Lagging         Data Sheet No.       10239       Page 1 of 1	Voltage Grade Test Voltage	Up to 16 Sq.mm 3 kV for 5 Minute, 25 Sq.mm and above 4.5 kV for 5 Minute Up to and including 16 Sq.mm 6 kV Up to and including 240 Sq.mm 10 kV		
Marking over the sheath       NEELKANTH CABLES , CABLE SIZE, 600/1000V AL/PVC/PVC-LHFR ELECTRIC CABLE , YEAR OF         Marking over the sheath       MANUFACTURING         Sequentail Length Marking       Shall be provided on outer sheath at every one Meter         Cable Length       Multiple of 250/500/1000 or as per Requirement         Type of Drum       Wooden Drum Fully Packed with Lagging         Data Sheet No.       10239       Page 1 of 1	Temperature Rating Flame Retardent Reduced Halogen Emission	Minimum 1 x 10 <sup>13</sup> Ohm-cm -15°C to +70°C SANS 60332 Part 1,2&3 SANS 5956		
Marking over the sheath     MANUFACTURING       Sequentail Length Marking     Shall be provided on outer sheath at every one Meter       Cable Length     Multiple of 250/500/1000 or as per Requirement       Type of Drum     Wooden Drum Fully Packed with Lagging	Marking & Packing			
Cable Length     Multiple of 250/500/1000 or as per Requirement       Type of Drum     Wooden Drum Fully Packed with Lagging       Data Sheet No.     10239     Page 1 of 1	Marking over the sheath			
Type of Drum     Wooden Drum Fully Packed with Lagging       Data Sheet No.     10239       Page 1 of 1				
	Data Sheet No.	10239	Page 1 of 1	
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