



NEELKANTH CABLES LIMITED

1. FLEXIBLE COPPER CONDUCTOR
2. PVC INSULATION
3. PVC OUTER SHEATH

**NEELKANTH CABLES LIMITED**

**DATA SHEET**

**MULTICORE FLEXIBLE CORDS & CABTYRE**

Multicore Flexible Cords Description : Flexible Multistanded Copper Conductor, Flexible PVC Insulated, Overall Flexible PVC Outer Sheathed Electric Cords & cabtyre.

Make	NEELKANTH CABLES LIMITED
Reference Standard	As per SANS:1574- 2
Voltage Grade	300/500 Volt
Operating Temperature	70°C
Max. Temp. During Short Circuit	160°C

**Range of Product** 2 Core 0.50 Sq.mm up to 91C X 2.5 Sq.mm

**Application** :Can be used in domestic appliances,light portable appliances and office equipment.

**Construction**

**Conductor:** Flexible copper (Class 5) conductors to SANS:1411-1

**Insulation :** PVC (Polyvinyl Chloride) as per SANS: 1411-2

**Insulation Type :**General Purpose and Special Requirement HR,FR

**Insulation Colour :** 2 Core: Blue,Brown

3 Core - Green/Yellow,Blue,Brown,

4 Core - Green/Yellow,Blue,Brown,Black

5 Core - Green/Yellow,Blue,Brown,Black.Grey

Above 5 Cores- All Cores Shall be either Grey or Black with serial numbers printed on the cores from number one onwards.

**Sheath:**PVC (Polyvinyl Chloride) as per SANS: 1411-2

**Type of Sheath:**General Purpose and Special Requirement FR, & LSFR

**Sheath Colour :** White (Other Colour Required by Customer)

**Technical Characteristic**

Voltage Grade	300/500 V
Test Voltage	2 kV for 5 Minute.
Spark Test Voltage	Up to and including Thickness 0.9mm - 5 kV a.c Above Thickness 0.90mm - 6 kV a.c
Insulation Volume Resistivity	Minimum $1 \times 10^{13}$ Ohm-cm
Temperature Rating	-15°C to +70°C
Flame Retardent	SANS 60332 Part 1,& 2
Maximum Conductor Temperature	:70°C(Special Requirement 85°C,105°C)
Short Circuit Rating:160°C	160°C
Minimum Bending Radius	Fixed:6 X D

**D = Overall Cable Diameter**

**Marking & Packing**

Marking over the sheath	NEELKANTH CABLES , CABLE SIZE, CU/PVC/PVC, 300/500V, ELECTRICAL CABLE, YEAR OF MANUFACTURING
Sequentail Length Marking	Shall be provided on outer sheath at every one Meter
Cable Length	100 Mtrs Coils or as per Requirement
Type of Packing	Coil Wrapped with Polyethylene and Wooden Drum Fully Packed with Lagging

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