

**WINKA<sup>TM</sup>**

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PRODUCT CATALOGUE**

**PVC FLEXIBLE CORD**

**250/440V BS2004**

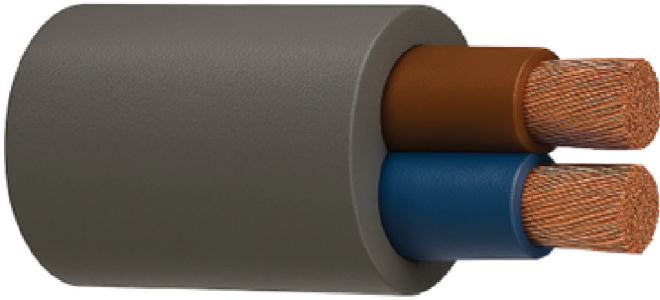
**PVC Insulated, PVC Sheathed Flexible Cable**

# PVC FLEXIBLE CORD

## 250/440V BS2004

### PVC Insulated, PVC Sheathed Flexible Cable

Description: CU/PVC/PVC



## Application

Suitable for use in household appliances, power tools, and portable equipment where flexibility and durability are required. Designed for indoor use in dry environments.

Voltage Rating	250/440V
Construction	Flexible plain annealed copper conductor, PVC insulated, PVS sheathed cable
Insulation Colour	2-Core: Brown, Blue; 3-Core: Brown, Blue, Green/Yellow; 4-Core: Brown, Black, Blue, Green/Yellow; Brown, Black, Grey, Green/Yellow; (Other colour upon request)
Sheath Colour	Grey (Other colour upon request)
Specification	BS 2004, IEC 60332-1 _
Operating Temperature	70°C

## Installation Reference

- Min. Bending Radius (mm): 5D for  $D < 10\text{mm}$   
6D for  $10\text{mm} \leq D < 25\text{mm}$
- Max. Pulling Tension (N/mm<sup>2</sup>): 15

## 2-Core [2C]

- Brown, Blue
- 1-phase and neutral

Conductor		Insulation	Sheath	Approx. Overall Diam.	Approx. Weight
Nominal Area	No./ Diam. of Strand	Thickness	Thickness		
mm <sup>2</sup>	No./ inch	mm	mm	mm	kg/100yard
0.4	14/0.0076	0.64	1.02	6.6	5
0.7	23/0.0076	0.64	1.02	7.2	6
1.2	40/0.0076	0.64	1.02	7.7	7.7
2.0	70/0.0076	0.64	1.27	9.2	12
3.2	110/0.0076	0.64	1.27	10.0	15
4.7	162/0.0076	0.76	1.27	11.5	21

## 3-Core [3G]

- Brown, Blue, Green/Yellow
- 1-phase and earth

Conductor		Insulation	Sheath	Approx. Overall Diam.	Approx. Weight
Nominal Area	No./ Diam. of Strand	Thickness	Thickness		
mm <sup>2</sup>	No./ inch	mm	mm	mm	kg/100yard
0.4	14/0.0076	0.64	1.02	6.9	5.7
0.7	23/0.0076	0.64	1.02	7.5	7
1.2	40/0.0076	0.64	1.02	8.2	9
2.0	70/0.0076	0.64	1.27	9.7	14
3.2	110/0.0076	0.64	1.27	10.6	18.2
4.7	162/0.0076	0.76	1.27	12.2	26

## 4-Core [4G]

- Brown, Black, Blue, Green/Yellow
- 1-phase and earth (Suitable for certain applications)

Conductor		Insulation	Sheath	Approx. Overall Diam.	Approx. Weight
Nominal Area	No./ Diam. of Strand	Thickness	Thickness		
mm <sup>2</sup>	No./ inch	mm	mm	mm	kg/100yard
0.4	14/0.0076	0.64	1.02	7.4	6.8
0.7	23/0.0076	0.64	1.02	8.2	8.5
1.2	40/0.0076	0.64	1.27	9.4	12.30
2.0	70/0.0076	0.64	1.27	10.5	17
3.2	110/0.0076	0.64	1.27	11.5	22.50
4.7	162/0.0076	0.76	1.27	13.5	31.5

## 4-Core [4G]

- Brown, Black, Grey, Green/Yellow
- 3-phase and earth

Conductor		Insulation	Sheath	Approx. Overall Diam.	Approx. Weight
Nominal Area	No./ Diam. of Strand	Thickness	Thickness		
mm <sup>2</sup>	No./ inch	mm	mm	mm	kg/100yard
0.4	14/0.0076	0.64	1.02	7.4	6.8
0.7	23/0.0076	0.64	1.02	8.2	8.5
1.2	40/0.0076	0.64	1.27	9.4	12.30
2.0	70/0.0076	0.64	1.27	10.5	17
3.2	110/0.0076	0.64	1.27	11.5	22.50
4.7	162/0.0076	0.76	1.27	13.5	31.5

### Notes

- All dimensions & weights are nominal subject to industry standards and tolerance unless otherwise noted.
- All product data presented here is for information purpose only.

# Current Rating & Voltage Drop

- BS 2004
- Flexible Cables with PVC Insulation & PVC Outersheath 250/440V
- Technical Data Flexible Cord, Imperial Sizes [CU/PVC/PVC Cables]
- Conductor Operating Temperature: 70°C
- Ambient Temperature: 30°C

Conductor		Current Carrying Capacity	Voltage Drop per 100 feet		Max. Weight supportable by twin flexible cord
Cross-sectional Area	No./ Diam. of Strand	d.c. or 1- or 3-phase a.c.	d.c. or 1- or 3-phase a.c.	3-phase a.c.	
mm <sup>2</sup>	No./ inch	A	V	V	
0.4	14/0.0076	3	8.9	7.7	3
0.7	23/0.0076	6	11	9.4	5
1.2	40/0.0076	13	14	12	10
2.0	70/0.0076	18	12	10	10
3.2	110/0.0076	24	9.6	8.3	10
4.7	162/0.0076	31	8.4	7.3	10

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