

# Mains Flex

## Oval/Round 2 - 3 Core

pro-POWER

### 2 Core



### 3 Core



### Features:

- Flexible mains cable for internal use in the direct connection of equipment to mains power supplies.
- PVC insulated and sheathed flexible mains cords
- Standard core colours : Brown and Blue (2 core)
- Brown, Blue and Green/Yellow (3 Core)
- Outer sheath colour : Black, Grey or White (2 core)
- 3182Y = Black, White, Grey, Orange
- 3183Y = Black, White, Grey, Orange
- Manufactured to BS6500
- Annealed copper conductor

### Mains Cord and Cable PVC:

Specification	2192Y 300/300V		3192Y 300/500V	3182Y 300/500V					
	0.5		0.6		0.7			0.8	
Radial Thickness insulation sheath	0.6		0.8		0.7			0.8	
CSA (mm <sup>2</sup> )	0.5	0.75	1.0	0.5	0.75	1.0	1.25	1.5	
Construction	16/0.2	24/0.2	32/0.2	16/0.2	24/0.2	32/0.2	40/0.2	30/0.25	
Current Rating (A)	3	6	10	3	6	10	13	15	
Nominal Diameter	3.3 × 5.4	3.6 × 5.8	4.6 × 7.2	6.3	6.8	7.2	7.8	8.2	
Weight (Kg/Km)	27	34	51	40	63	73	84	95	

Dimensions : Millimetres (Unless Specified)

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### Mains Cord and Cable PVC:

Specification	3182Y 300/500V	2183Y 300/300V		3183Y 300/500V					
	Radial Thickness	0.8	0.5		0.6	0.7	0.8	-	
Insulation Sheath	1.0	0.6		0.8	0.9		1.1	-	
CSA (mm <sup>2</sup> )	2.50	0.50	0.75		1.00	1.25	1.50	2.50	4.00
Construction	50/0.25	16/0.2	24/0.2		32/0.2	40/0.2	30/0.25	50/0.25	56/0.3
Current Rating (A)	20	3	6		10	13	15	20	25
Nominal Diameter	10.0	5.6	6.1	6.8	7.2	7.8	8.2	10.0	13.0
Weight (Kg/Km)	154	44	55	74	86	104	120	180	-

### Specifications:

Type	Description
2192Y 300/300V	Two-Core Oval, PVC insulated and sheathed flexible mains cables. Harmonized Code Number HO3VVH2-F2.
3192Y 300/500V	Two-Core Oval, PVC insulated and sheathed flexible mains cables. Harmonized Code Number HO5VVH2-F.
3182Y 300/500V	Two-Core Round. PVC insulated and sheathed flexible mains cables. Harmonized Code Number H05VV-F2.
2183Y 300/300V	Three-Core Oval. PVC insulated and sheathed flexible mains cables. Harmonized Code Number H03VV-F3.
3183Y 300/500V	Three-Core Round. PVC insulated and sheathed flexible mains cables. Harmonized Code Number H05VV-F3.

### Part Number Table

Description	Part Number
Cable, Mains, 3Core, 1mm, 100M	CBBR2028
Cable, 3183Y, Orange 2.5mm	CBBR15159
Cable, Mains, 3Core, 2.5mm, 50M	CBBR1514
Cable, Mains, 3Core, 4mm, 50M	CBBR1515-50M
Cable, Mains, 2Core, 0.5mm, 100M	70053918
Cable, Mains, 2Core, 1mm, 100M	CBBR1510
Cable, Mains, 2Core, 1.25mm, 100M	CBBR1511
Cable, 3182Y, Grey, 1.5mm	CBBR15155

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 www.newark.com  
 www.cpc.co.uk

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Description	Part Number
Cable, 3182Y, Orange, 2.5mm	CBBR15157
Cable, Flex, 3182Y, White, 0.75mm, Per M	3182Y-0.75MMWHT
Cable, Flex, 3182Y, Black, 0.75mm, Per M	3182Y-0.75MMBLK
Cable, Flex, 3182Y, White, 1mm, Per M	3182Y-1MMWHT
Cable, Flex, 3182Y, Black, 1mm, Per M	3182Y-1MMBLK
Cable, Flex, 3182Y, White, 1.5mm, Per M	3182Y-1.50MMWHT
Cable, Flex, 3182Y, Black, 1.5mm, Per M	3182Y-1.50MMBLK

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