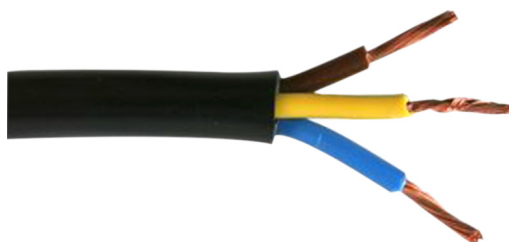


# PVC Insulated Mains Cable

pro-POWER



## Series - 3182Y

### Description

2 Core Plain Annealed Copper Wire, PVC Insulation, PVC Sheath

### Application

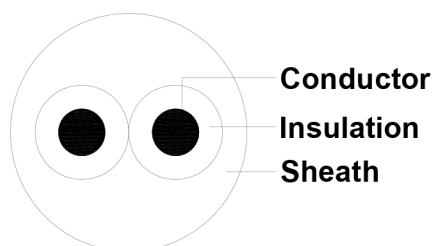
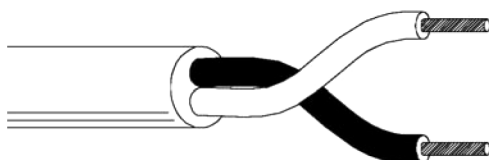
Power supply wire, suitable for indoor small electrical instrument, or general in portable tool

### Construction:

Insulation \ Sheath material : PVC  
Insulation Colour : Blue, Brown

Voltage Test : Core to Core : 1,500V AC / 1min  
Voltage Rating : 300/500V  
Operating Temperature : -15°C to +70°C

### Diagram:



### Specification Table:

| Type       | CSA                 | Stranding | Inner Diameter | Outer Diameter | Min. Bend Radius | Nominal DC resistance | Current Rating |
|------------|---------------------|-----------|----------------|----------------|------------------|-----------------------|----------------|
| 3182Y-0.5  | 0.5mm <sup>2</sup>  | 16/0.2mm  | 2.2mm          | 6.2mm          | 62mm             | 39Ω/km                | 3A             |
| 3182Y-0.75 | 0.75mm <sup>2</sup> | 24/0.2mm  | 2.3mm          | 6.35mm         | 64mm             | 26Ω/km                | 6A             |
| 3182Y-1    | 1mm <sup>2</sup>    | 32/0.2mm  | 2.5mm          | 6.4mm          | 64mm             | 19.5Ω/km              | 10A            |
| 3182Y-1.5  | 1.5mm <sup>2</sup>  | 30/0.25mm | 2.9mm          | 7.4mm          | 74mm             | 13.3Ω/km              | 15A            |
| 3182Y-2.5  | 2.5mm <sup>2</sup>  | 50/0.25mm | 3.7mm          | 9.4mm          | 94mm             | 7.98Ω/km              | 30A            |

# PVC Insulated Mains Cable

pro-POWER

## Series - 3183Y

### Description

3 Core Plain Annealed Copper Wire, PVC Insulation, PVC Sheath

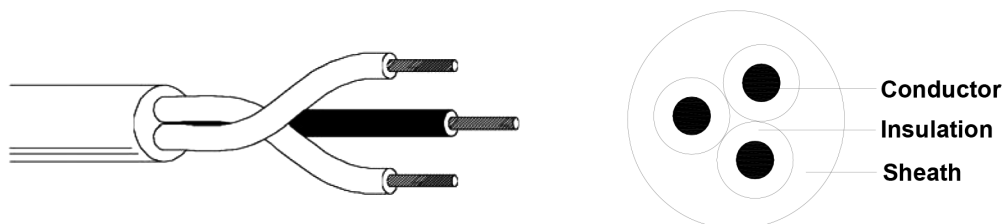
### Application

Power supply wire, suitable for indoor small electrical instrument, or general in portable tool

### Construction:

|                              |                                    |
|------------------------------|------------------------------------|
| Insulation \ Sheath material | : PVC                              |
| Insulation Colour            | : Blue, Brown, Yellow/Green Stripe |
| Voltage Test : Core to Core  | : 1,500V AC / 1min                 |
| Voltage Rating               | : 300/500V                         |
| Operating Temperature        | : -15°C to +70°C                   |

### Diagram:



### Specification Table:

| Type       | CSA                 | Stranding | Inner Diameter | Outer Diameter | Min. Bend Radius | Nominal DC resistance | Current Rating |
|------------|---------------------|-----------|----------------|----------------|------------------|-----------------------|----------------|
| 3183Y-0.75 | 0.75mm <sup>2</sup> | 24/0.2mm  | 2.3mm          | 6.6mm          | 66mm             | 26Ω/km                | 6A             |
| 3183Y-1    | 1mm <sup>2</sup>    | 32/0.2mm  | 2.5mm          | 7.2mm          | 72mm             | 19.5Ω/km              | 10A            |
| 3183Y-1.25 | 1.25mm <sup>2</sup> | 40/0.2mm  | 2.8mm          | 7.8mm          | 78mm             | 15.6Ω/km              | 13A            |
| 3182Y-1.5  | 1.5mm <sup>2</sup>  | 30/0.25mm | 2.9mm          | 8.9mm          | 89mm             | 13.3Ω/km              | 15A            |
| 3183Y-2.5  | 2.5mm <sup>2</sup>  | 50/0.25mm | 3.7mm          | 10mm           | 100mm            | 7.98Ω/km              | 20A            |
| 3183Y-4    | 4mm <sup>2</sup>    | 56/0.3mm  | 4.4mm          | 12mm           | 120mm            | 4.95Ω/km @ 20°C       | -              |

# PVC Insulated Mains Cable

pro-POWER

## Series - 3184Y

### Description

4 Core Plain Annealed Copper Wire, PVC Insulation, PVC Sheath

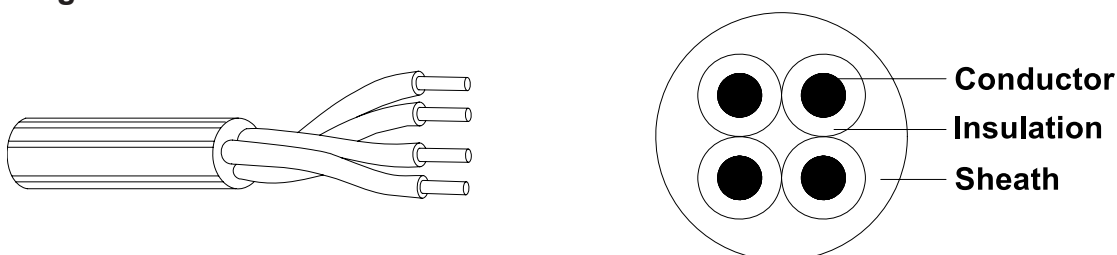
### Application

Power supply wire, suitable for indoor small electrical instrument, or general in portable tool

### Construction:

|                              |                                           |
|------------------------------|-------------------------------------------|
| Insulation \ Sheath material | : PVC                                     |
| Insulation Colour            | : Grey, Brown, Black, Yellow/Green Stripe |
| Sheath Colour                | : Black                                   |
| Voltage Test                 | : Core to Core : 1,500V AC / 1min         |
| Voltage Rating               | : 300/500V                                |
| Operating Temperature        | : -15°C to +70°C                          |

### Diagram:



### Specification Table:

| Type       | CSA                 | Stranding | Inner Diameter | Outer Diameter | Min. Bend Radius | Nominal DC resistance | Current Rating |
|------------|---------------------|-----------|----------------|----------------|------------------|-----------------------|----------------|
| 3184Y-0.75 | 0.75mm <sup>2</sup> | 24/0.2mm  | 2.3mm          | 7.7mm          | 77mm             | 26Ω/km                | 6A             |
| 3184Y-1    | 1mm <sup>2</sup>    | 32/0.2mm  | 2.5mm          | 8.5mm          | 85mm             | 19.5Ω/km              | 10A            |
| 3184Y-1.5  | 1.5mm <sup>2</sup>  | 30/0.25mm | 2.9mm          | 8.9mm          | 89mm             | 13.3Ω/km              | 15A            |
| 3184Y-2.5  | 2.5mm <sup>2</sup>  | 50/0.25mm | 3.7mm          | 11mm           | 110mm            | 7.98Ω/km              | 20A            |

## Series - 3185Y

### Description

5 Core Plain Annealed Copper Wire, Filler, PVC Insulation, PVC Sheath

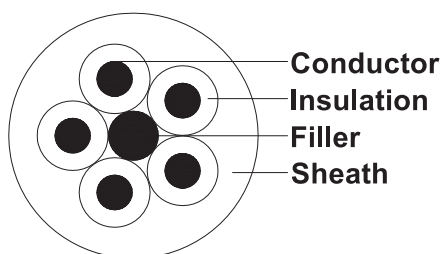
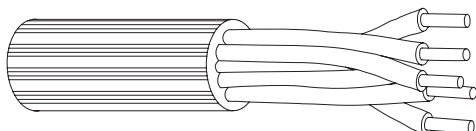
### Application

Power supply wire, suitable for indoor small electrical instrument, or general in portable tool

### Construction:

|                              |                                    |
|------------------------------|------------------------------------|
| Insulation \ Sheath material | : PVC                              |
| Filler Material              | : PVC                              |
| Insulation Colour            | : Blue, Brown, Yellow/Green Stripe |
| Sheath Colour                | : Black                            |
| Voltage Test : Core to Core  | : 1,500V AC / 1min                 |
| Voltage Rating               | : 300/500V                         |
| Operating Temperature        | : -15°C to +70°C                   |

### Diagram:



### Specification Table:

| Type       | CSA                 | Stranding | Inner Diameter | Outer Diameter | Min. Bend Radius | Nominal DC resistance | Current Rating |
|------------|---------------------|-----------|----------------|----------------|------------------|-----------------------|----------------|
| 3185Y-0.75 | 0.75mm <sup>2</sup> | 24/0.2mm  | 2.3mm          | 8.4mm          | 84mm             | 26Ω/km                | 6A             |
| 3185Y-1    | 1mm <sup>2</sup>    | 32/0.2mm  | 2.5mm          | 8.8mm          | 88mm             | 19.5Ω/km              | 10A            |
| 3185Y-1.5  | 1.5mm <sup>2</sup>  | 30/0.25mm | 2.9mm          | 10.2mm         | 102mm            | 13.3Ω/km              | 15A            |
| 3185Y-2.5  | 2.5mm <sup>2</sup>  | 50/0.25mm | 3.7mm          | 12.5mm         | 125mm            | 7.98Ω/km              | 20A            |

## Part Number Table

| Description                              | Part Number         | Description                              | Part Number         |
|------------------------------------------|---------------------|------------------------------------------|---------------------|
| Cable, Flex, 3182Y, White, 0.5mm, 100M   | 3182Y-0.50MMWHT100M | Cable, Flex, 3183Y, Orange, 1mm, 100M    | 3183Y-1MMORN100M    |
| Cable, Flex, 3182Y, Black, 0.5mm, 100M   | 3182Y-0.50MMBLK100M | Cable, Flex, 3183Y, White, 1.25mm, 100M  | 3183Y-1.25MMWHT100M |
| Cable, Flex, 3182Y, White, 0.75mm, 100M  | 3182Y-0.75MMWHT100M | Cable, Flex, 3183Y, White, 1.25mm, 50M   | 3183Y-1.25MMWHT50M  |
| Cable, Flex, 3182Y, Black, 0.75mm, 100M  | 3182Y-0.75MMBLK100M | Cable, Flex, 3183Y, Black, 1.25mm, 100M  | 3183Y-1.25MMBLK100M |
| Cable, Flex, 3182Y, Black, 0.75mm, 50M   | 3182Y-0.75MMBLK50M  | Cable, Flex, 3183Y, Grey, 1.25mm, 100M   | 3183Y-1.25MMGRY100M |
| Cable, Flex, 3182Y, Grey, 0.75mm, 100M   | 3182Y-0.75MMGRY100M | Cable, Flex, 3183Y, Orange, 1.25mm, 100M | 3183Y-1.25MMORN100M |
| Cable, Flex, 3182Y, Orange, 0.75mm, 100M | 3182Y-0.75MMORN100M | Cable, Flex, 3183Y, White, 1.5mm, 100M   | 3183Y-1.50MMWHT100M |
| Cable, Flex, 3182Y, White, 1mm, 100M     | 3182Y-1MMWHT100M    | Cable, Flex, 3183Y, White, 1.5mm, 50M    | 3183Y-1.50MMWHT50M  |
| Cable, Flex, 3182Y, White, 1mm, 50M      | 3182Y-1MMWHT50M     | Cable, Flex, 3183Y, Black, 1.5mm, 100M   | 3183Y-1.50MMBLK100M |
| Cable, Flex, 3182Y, Black, 1mm, 100M     | 3182Y-1MMBLK100M    | Cable, Flex, 3183Y, Black, 1.5mm, 50M    | 3183Y-1.50MMBLK50M  |
| Cable, Flex, 3182Y, Black, 1mm, 50M      | 3182Y-1MMBLK50M     | Cable, Flex, 3183Y, Grey, 1.5mm, 100M    | 3183Y-1.50MMGRY100M |
| Cable, Flex, 3182Y, White, 1.5mm, 100M   | 3182Y-1.50MMWHT100M | Cable, Flex, 3183Y, Orange, 1.5mm, 100M  | 3183Y-1.50MMORN100M |
| Cable, Flex, 3182Y, Black, 1.5mm, 50M    | 3182Y-1.50MMBLK50M  | Cable, Flex, 3183Y, White, 2.5mm, 100M   | 3183Y-2.50MMWHT100M |
| Cable, Flex, 3182Y, Black, 1.5mm, 100M   | 3182Y-1.50MMBLK100M | Cable, Flex, 3183Y, Black, 2.5mm, 100M   | 3183Y-2.50MMBLK100M |
| Cable, Flex, 3182Y, White, 2.5mm, 100M   | 3182Y-2.50MMWHT100M | Cable, Flex, 3183Y, Black, 2.5mm, 50M    | 3183Y-2.50MMBLK50M  |
| Cable, Flex, 3182Y, Black, 2.5mm, 100M   | 3182Y-2.50MMBLK100M | Cable, Flex, 3183Y, Orange, 2.5mm, 100M  | 3183Y-2.50MMORN100M |
| Cable, Flex, 3183Y, White, 0.75mm, 100M  | 3183Y-0.75MMWHT100M | Cable, Flex, 3183Y, Black, 4mm, 100M     | 3183Y-4.00MMBLK100M |
| Cable, Flex, 3183Y, White, 0.75mm, 50M   | 3183Y-0.75MMWHT50M  | Cable, Flex, 3184Y, White, 0.75mm, 100M  | 3184Y-0.75MMWHT100M |
| Cable, Flex, 3183Y, Black, 0.75mm, 100M  | 3183Y-0.75MMBLK100M | Cable, Flex, 3184Y, Black, 0.75mm, 100M  | 3184Y-0.75MMBLK100M |
| Cable, Flex, 3183Y, Black, 0.75mm, 50M   | 3183Y-0.75MMBLK50M  | Cable, Flex, 3184Y, Black, 1mm, 100M     | 3184Y-1MMBLK100M    |
| Cable, Flex, 3183Y, Grey, 0.75mm, 100M   | 3183Y-0.75MMGRY100M | Cable, Flex, 3184Y, Black, 1.5mm, 100M   | 3184Y-1.50MMBLK100M |
| Cable, Flex, 3183Y, Orange, 0.75mm, 100M | 3183Y-0.75MMORN100M | Cable, Flex, 3184Y, Black, 2.5mm, 100M   | 3184Y-2.50MMBLK100M |
| Cable, Flex, 3183Y, White, 1mm, 100M     | 3183Y-1MMWHT100M    | Cable, Flex, 3185Y, Black, 0.75mm, 100M  | 3185Y-0.75MMBLK100M |
| Cable, Flex, 3183Y, White, 1mm, 50M      | 3183Y-1MMWHT50M     | Cable, Flex, 3185Y, Black, 1mm, 100M     | 3185Y-1MMBLK100M    |
| Cable, Flex, 3183Y, Black, 1mm, 100M     | 3183Y-1MMBLK100M    | Cable, Flex, 3185Y, Black, 1.5mm, 100M   | 3185Y-1.50MMBLK100M |
| Cable, Flex, 3183Y, Black, 1mm, 50M      | 3183Y-1MMBLK50M     | Cable, Flex, 3185Y, White, 2.5mm, 100M   | 3185Y-2.50MMWHT100M |
| Cable, Flex, 3183Y, Grey, 1mm, 100M      | 3183Y-1MMGRY100M    | Cable, Flex, 3185Y, Black, 2.5mm, 100M   | 3185Y-2.50MMBLK100M |

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