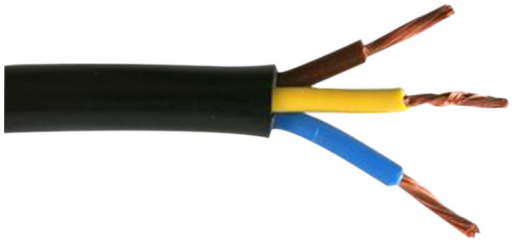
PVC Insulated Mains Cable
Series: 3182Y, 3183Y, 3184Y & 3185Y



Series - 3182Y

Description

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

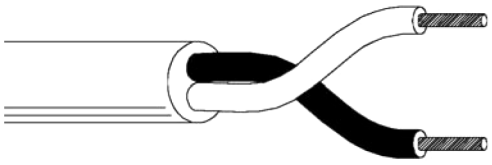
Application

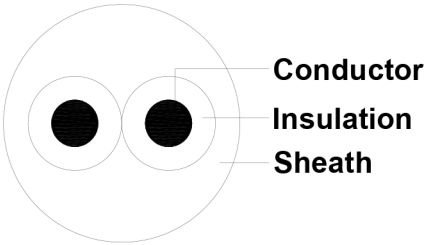
Power supply wire, suitable for indoor small electrical instrument, or general in portable tool

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	0.5mm²	16/0.2mm	2.2mm	6.2mm	62mm	39Ω/km	3A
3182Y-0.75	0.75mm²	24/0.2mm	2.3mm	6.35mm	64mm	26Ω/km	6A
3182Y-1	1mm²	32/0.2mm	2.5mm	6.4mm	64mm	19.5Ω/km	10A
3182Y-1.5	1.5mm²	30/0.25mm	2.9mm	7.4mm	74mm	13.3Ω/km	15A
3182Y-2.5	2.5mm²	50/0.25mm	3.7mm	9.4mm	94mm	7.98Ω/km	30A

PVC Insulated Mains Cable
Series: 3182Y, 3183Y, 3184Y & 3185Y

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Series - 3183Y

Description

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

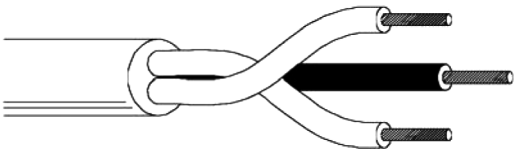
Application

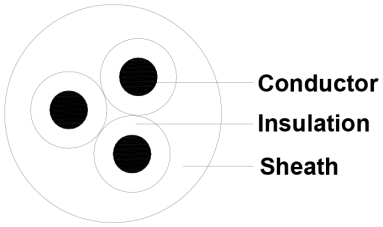
Power supply wire, suitable for indoor small electrical instrument, or general in portable tool

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^2	24/0.2mm	2.3mm	6.6mm	66mm	26Ω/km	6A
3183Y-1	1mm^2	32/0.2mm	2.5mm	7.2mm	72mm	19.5Ω/km	10A
3183Y-1.25	1.25mm^2	40/0.2mm	2.8mm	7.8mm	78mm	15.6Ω/km	13A
3183Y-1.5	1.5mm^2	30/0.25mm	2.9mm	8.9mm	89mm	13.3Ω/km	15A
3183Y-2.5	2.5mm^2	50/0.25mm	3.7mm	10mm	100mm	7.98Ω/km	20A
3183Y-4	4mm^2	56/0.3mm	4.4mm	12mm	120mm	4.95Ω/km @ 20°C	-

PVC Insulated Mains Cable
Series: 3182Y, 3183Y, 3184Y & 3185Y

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Series - 3184Y

Description

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

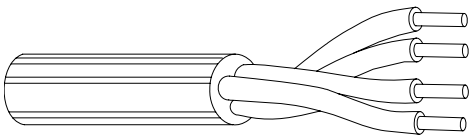
Application

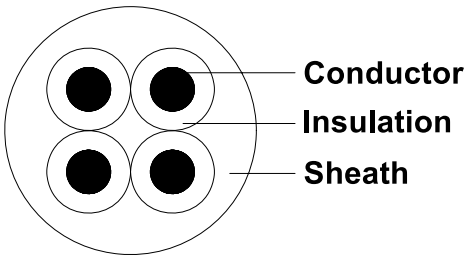
Power supply wire, suitable for indoor small electrical instrument, or general in portable tool

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	0.75mm²	24/0.2mm	2.3mm	7.7mm	77mm	26Ω/km	6A
3184Y-1	1mm²	32/0.2mm	2.5mm	8.5mm	85mm	19.5Ω/km	10A
3184Y-1.5	1.5mm²	30/0.25mm	2.9mm	8.9mm	89mm	13.3Ω/km	15A
3184Y-2.5	2.5mm²	50/0.25mm	3.7mm	11mm	110mm	7.98Ω/km	20A

PVC Insulated Mains Cable
Series: 3182Y, 3183Y, 3184Y & 3185Y

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Series - 3185Y

Description

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

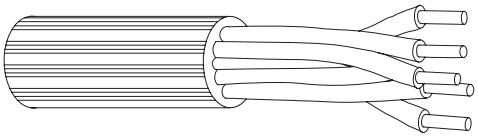
Application

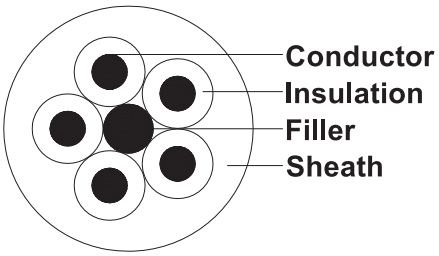
Power supply wire, suitable for indoor small electrical instrument, or general in portable tool

Construction:

Insulation \ Sheath material	: PVC
Filler Material	: PVC
Insulation Colour	: Blue, Brown, Yellow/Green Stripe, Black & Grey
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^2	24/0.2mm	2.3mm	8.4mm	84mm	26Ω/km	6A
3185Y-1	1mm^2	32/0.2mm	2.5mm	8.8mm	88mm	19.5Ω/km	10A
3185Y-1.5	1.5mm^2	30/0.25mm	2.9mm	10.2mm	102mm	13.3Ω/km	15A
3185Y-2.5	2.5mm^2	50/0.25mm	3.7mm	12.5mm	125mm	7.98Ω/km	20A

Part Number Table

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

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

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