

# Control Cables

AVAILABLE FROM  
NEPEAN ELECTRONICS



NEPEAN Power is a proven leader in the supply and manufacture of quality engineered solutions, products and technologies. Established in 1994, through the commitment of our dedicated team we have become a supplier of choice.

Nepean Power supplies a wide variety of control cables which are used in the construction of Electrical Switchboards in the Australian Mining Industry. The NEPEAN Power control cables consist of extra fine strand, tinned copper conductors laid up to provide a flexible design.

The control cables are applicable to monitoring loop and protecting circuits with rated voltage AC up to 600/1000V. This cable is produced in accordance with AS/NZS3808, AS/NZS 3191, RoHS to IEC6231:2008 & 2011/65/EU.

## Features

- Conductor: Tinned copper wire
- Insulation: V90HT
- Voltage: 0.6/1kV
- Standards: AS/NZS3808, AS/NZS 3191, RoHS to IEC6231:2008 & 2011/65/EU
- Normal Operating Temperature: 105°C

## Specifications

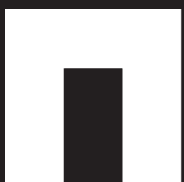
Item Code	Nom. Area mm <sup>2</sup>	Stranding No./mm	Nom. n/D mm	Nom. Insulation Thickness	Nearest SAE(B&S) (AWG)	AMP Rating	Item Code-Nom.
C/SC/005/Colour Initials	0.5	16/0.20	2.6	0.8	20	3	39
C/SC/010/Colour Initials	1	32/0.20	3	0.8	17 1/2	10	18.2
C/SC/015/Colour Initials	1.5	30/0.25	3.2	0.8	15 1/2	15	13.3
C/SC/025/Colour Initials	2.5	50/0.25	3.9	0.9	13	20	7.98
C/SC/040/Colour Initials	4	56/0.30	4.8	1	11	25	4.95
C/SC/060/Colour Initials	6	84/0.30	5.6	1	9	40	2.3

Colour Initials										
BK	BL	BR	GR	OR	PI	PU	RE	WH	YE	YG
BLACK	BLUE	BROWN	GREY	ORANGE	PINK	PURPLE	RED	WHITE	YELLOW	YELLOW/ GREEN - EARTH

# Control Cables

## Ordering Information

Part Number	Description
C/SC/005/BK	Cable. Single Core Control. 0.5mm. Black. 16/0.20 V90HT.
C/SC/005/BL	Cable. Single Core Control. 0.5mm. Blue. 16/0.20 V90HT.
C/SC/005/BR	Cable. Single Core Control. 0.5mm. Brown. 16/0.20 V90HT.
C/SC/005/GR	Cable. Single Core Control. 0.5mm. Grey. 16/0.20 V90HT.
C/SC/005/OR	Cable. Single Core Control. 0.5mm. Orange. 16/0.20 V90HT.
C/SC/005/PI	Cable. Single Core Control. 0.5mm. Pink. 16/0.20 V90HT.
C/SC/005/PU	Cable. Single Core Control. 0.5mm. Purple. 16/0.20 V90HT.
C/SC/005/RE	Cable. Single Core Control. 0.5mm. Red. 16/0.20 V90HT.
C/SC/005/WH	Cable. Single Core Control. 0.5mm. White. 16/0.20 V90HT.
C/SC/005/YE	Cable. Single Core Control. 0.5mm. Yellow. 16/0.20 V90HT.
C/SC/005/YG	Cable. Single Core Control. 0.5mm. Earth. 16/0.20 V90HT.
C/SC/010/BK	Cable. Single Core Control. 1.0mm. Black. 32/0.2. V90HT.
C/SC/010/BL	Cable. Single Core Control. 1.0mm. Blue. 32/0.2.V90HT.
C/SC/010/OR	Cable. Single Core Control. 1.0mm. Orange. 32/0.2.V90HT.
C/SC/010/PI	Cable. Single Core Control. 1.0mm. Pink. 32/0.2.V90HT.
C/SC/010/WH	Cable. Single Core Control. 1.0mm. White. 32/0.2. V90HT.
C/SC/015/BK	Cable. Single Core Control. 1.5mm. Black. 30/0.25 V90HT.
C/SC/015/BL	Cable. Single Core Control. 1.5mm. Blue. 30/0.25 V90HT.
C/SC/015/BR	Cable. Single Core Control. 1.5mm. Brown. 30/0.25 V90HT.
C/SC/015/GR	Cable. Single Core Control. 1.5mm. Grey. 30/0.25 V90HT.
C/SC/015/GR/BK	Cable. Single Core Control. 1.5mm. Grey/Black. 30/0.25 V90HT.
C/SC/015/OR	Cable. Single Core Control. 1.5mm. Orange. 30/0.25 V90HT.
C/SC/015/OR/BK	Cable. Single Core Control. 1.5mm. Orange/Black. 30/0.25 V90HT.
C/SC/015/PI	Cable. Single Core Control. 1.5mm. Pink. 30/0.25 V90HT.
C/SC/015/PU	Cable. Single Core Control. 1.5mm. Purple. 30/0.25 V90HT.
C/SC/015/RE	Cable. Single Core Control. 1.5mm. Red. 30/0.25 V90HT.
C/SC/015/WH	Cable. Single Core Control. 1.5mm. White. 30/0.25 V90HT.
C/SC/015/WH/BL	Cable. Single Core Control. 1.5mm. White/Blue. 30/0.25 V90HT.
C/SC/015/YE	Cable. Single Core Control. 1.5mm. Yellow. 30/0.25 V90HT.
C/SC/015/YG	Cable. Single Core Control. 1.5mm. Earth. 30/0.25 V90HT.
C/SC/025/BL	Cable. Single Core Control. 2.5mm. Blue. 50/0.25 V90HT.
C/SC/025/BR	Cable. Single Core Control. 2.5mm. Brown. 50/0.25 V90HT.
C/SC/025/GR	Cable. Single Core Control. 2.5mm. Grey. 50/0.25 V90HT.
C/SC/025/OR	Cable. Single Core Control. 2.5mm. Orange. 50/0.25 V90HT.
C/SC/025/PI	Cable. Single Core Control. 2.5mm. Pink. 50/0.25 V90HT.
C/SC/025/PU	Cable. Single Core Control. 2.5mm. Purple. 50/0.25 V90HT.
C/SC/025/RE	Cable. Single Core Control. 2.5mm. Red. 50/0.25 V90HT.
C/SC/025/WH	Cable. Single Core Control. 2.5mm. White. 50/0.25 V90HT.
C/SC/025/YG	Cable. Single Core Control. 2.5mm. Earth. 50/0.25 V90HT.
C/SC/040/BK	Cable. Single Core Control. 4.0mm. Black. 56/0.30 V90HT.
C/SC/040/BL	Cable. Single Core Control. 4.0mm. Blue. 56/0.30 V90HT.
C/SC/040/BR	Cable. Single Core Control. 4.0mm. Brown. 56/0.30 V90HT.
C/SC/040/RE	Cable. Single Core Control. 4.0mm. Red. 56/0.30 V90HT.
C/SC/040/WH	Cable. Single Core Control. 4.0mm. White. 56/0.30 V90HT.
C/SC/040/YG	Cable. Single Core Control. 4.0mm. Earth. 56/0.30 V90HT.
C/SC/060/BK	Cable. Single Core Control. 6.0mm. Black. 84/0.30 V90HT.
C/SC/060/BL	Cable. Single Core Control. 6.0mm. Blue. 84/0.30 V90HT.
C/SC/060/BR	Cable. Single Core Control. 6.0mm. Brown. 84/0.30 V90HT.
C/SC/060/RE	Cable. Single Core Control. 6.0mm. Red. 84/0.30 V90HT.
C/SC/060/WH	Cable. Single Core Control. 6.0mm. White. 84/0.30 V90HT.
C/SC/060/YG	Cable. Single Core Control. 6.0mm. Earth. 84/0.30 V90HT.



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