

# PVC Neutral Screened Cables single core and two cores

CU NSCRN 2X 6 3.2

## Contact

General Sales inquiries  
Phone: 0508 NEXANS  
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Nexans ref.: DAEP11PX002CXAB

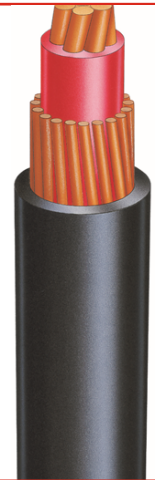
Country ref.: 4348

Cu conductors, PVC insulation, Cu wire neutral screen, Black PVC sheath. 0.6/1 kV.  
Made to AS/NZS 4961.

## DESCRIPTION

### Application

- Industrial, commercial and domestic applications
- For use in various situations to supply the main power from the point of supply to buildings, equipment, sheds, eg, switch board to main control cabinet, main between floors and buildings, cable cabinet to motor, etc.



## STANDARDS

National AS/NZS 4961



Rated Voltage U<sub>o</sub>/U (Um)  
0.6/ 1 (1.2) kV



Cable flexibility  
Rigid



Max. conductor temp. in service  
75 °C

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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## CHARACTERISTICS

### Construction characteristics

Pilot wires	None
Conductor material	Copper
Type of conductor	Circular, stranded
Insulation	PVC
Screen	Copper wire
Outer sheath	PVC
With Green/Yellow core	No
Colour	Black
With smaller neutral conductor	No
Core identification	White, Red

### Dimensional characteristics

Number of cores	2
Conductor cross-section	6 mm <sup>2</sup>
Nominal overall diameter	13.0 x 18.3
Gland Size (A2 or A2F)	20
Gland Size (CX/Z)	20
Nominal outer sheath thickness	3.2 mm
Approximate weight	0.42 kg/m

### Electrical characteristics

Max. DC resistance of the conductor at 20°C	3.08 Ohm/km
Rated Voltage U <sub>0</sub> /U (U <sub>m</sub> )	0.6/ 1 (1.2) kV

### Mechanical characteristics

Cable flexibility	Rigid
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### Usage characteristics

Max. conductor temperature in service	75 °C
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## CORE COLOURS

No. of Cores	Colour
1	RD
1 (Plus Pilot)	RD, OG
2	RD, WH
2 (Plus Pilot)	RD, WH, OG
3	RD, WH, BU
4	RD, WH, BU, BK

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## CURRENT CARRYING CAPACITIES SINGLE PHASE (IN AMPS) - TWO CORE PVC NEUTRAL

Copper conductor Circular stranded Insulation PVC Max. Conductor Temperature 75C

Conductor cross-section [mm <sup>2</sup> ]						
	Cu	Cu	Cu	Cu	Cu	Cu
2.5	26	25	23	28	28	13
4	35	33	29	36	36	17
6	46	42	38	46	46	22
10	62	58	50	61	61	29
16	82	78	66	106	80	39
25	111	104	87	138	103	52
35	137	128	107	165	125	64

 Air Spaced from Surface, Unenclosed	 Air touching, unenclosed	 Air enclosed
 Buried direct	 Buried in single-way duct	 Cable surrounded by thermal insulation, unenclosed