

PVC Neutral Screened Cables single core and two cores

CU NSCRN 2X 10 3.2

Contact

General Sales inquiries
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Nexans ref.: DAEP13PX002CXAB

Country ref.: 6585

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 Uo/U (Um)
0.6/ 1 (1.2) kV



Cable flexibility
Rigid



Max.conductor temp.in service
75 °C

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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
With smaller neutral conductor	No
Core identification	White, Red

Dimensional characteristics

Number of cores	2
Conductor cross-section	10 mm ²
Nominal overall diameter	14.1 x 20.1
Nominal outer sheath thickness	3.2 mm
Approximate weight	0.56 kg/m

Electrical characteristics

Max. DC resistance of the conductor at 20°C	1.83 Ohm/km
Rated Voltage U ₀ /U (U _m)	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 [mm²]	 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
<div>  Air Spaced from Surface, Unenclosed  Air touching, unenclosed  Air enclosed </div> <div>  Buried direct  Buried in single-way duct  Cable surrounded by thermal insulation, unenclosed </div>						