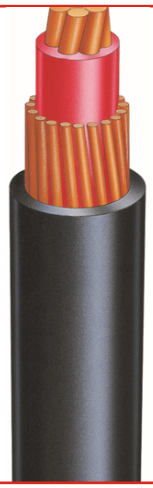
PVC Neutral Screened Cables single core and two cores

CU NSCRN 2X 16 3.2

Contact
General Sales inquiries
Phone: 0508 NEXANS
sales.nz@nexans.com



Nexans ref.: DAEP15PX002CXAB
Country ref.: 1520

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	16 mm²
Nominal overall diameter	15.5 x 22.5
Gland Size (A2 or A2F)	20
Gland Size (CX/Z)	20
Nominal outer sheath thickness	3.2 mm
Approximate weight	0.76 kg/m
Electrical characteristics	
Max. DC resistance of the conductor at 20°C	1.15 Ohm/km
Rated Voltage Uo/U (Um)	0.6/ 1 (1.2) kV
Mechanical characteristics	
Cable flexibility	Rigid
Usage characteristics	
Max. conductor temperature in service	75 °C

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

 Air Spaced from Surface, Unenclosed

 Air touching, unenclosed

 Air enclosed

 Buried direct

 Buried in single-way duct

 Cable surrounded by thermal insulation, unenclosed