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Cable Specification

C14-2x/xx – Tri-rated Switchgear Wire PVC Insulated
Single insulated conductor wire for use as internal wiring on switch and control panels.



Image is for reference only. ©KSM Ltd

Mechanical Characteristics

Maximum Temperature (°C): +105

Electrical Characteristics at 20°C

Voltage Rating (V): 600

Max Current Rating (A):

0.50mm ²	11	10mm ²	75
0.75mm ²	14	16mm ²	100
1.00mm ²	17	25mm ²	136
1.5mm ²	21	35mm ²	167
2.5mm ²	30	50mm ²	204
4mm ²	41	70mm ²	259
6mm ²	53		

Part Options

C14-2A/**	0.50mm ² Tri-rated
C14-2B/**	0.75mm ² Tri-rated
C14-2C/**	1.00mm ² Tri-rated
C14-2D/**	1.50mm ² Tri-rated
C14-2E/**	2.50mm ² Tri-rated
C14-2F/**	4.00mm ² Tri-rated
C14-2G/**	6.00mm ² Tri-rated
C14-2H/**	10.00mm ² Tri-rated
C14-2J/**	16.00mm ² Tri-rated
C14-2K/**	25.00mm ² Tri-rated
C14-2L/**	35.00mm ² Tri-rated
C14-2M/**	50.00mm ² Tri-rated
C14-2N/**	70.00mm ² Tri-rated

**Standard colours available:

BK – Black, BU – Blue, BN – Brown, GN – Green,
GY – Grey, OR – Orange, PK – Pink, RD – Red,
VL – Violet, WH – White, YW – Yellow,
GNYW – Green/Yellow.

Bi-colour, tri-colour and twisted wire options

Construction

Conductor

Material: Bare Copper

Construction:

0.50mm ²	16/0.20mm
0.75mm ²	24/0.20mm
1.00mm ²	32/0.20mm
1.50mm ²	30/0.25mm
2.50mm ²	50/0.25mm
4.00mm ²	56/0.30mm
6.00mm ²	84/0.30mm
10.00mm ²	80/0.40mm
16.00mm ²	128/0.40mm
25.00mm ²	200/0.40mm
35.00mm ²	280/0.40mm
50.00mm ²	400/0.40mm
70.00mm ²	356/0.50mm

Insulation

Material: Heat Resistant Polyvinyl Chloride

Diameter:

0.50mm ²	2.70mm
0.75mm ²	2.90mm
1.00mm ²	3.10mm
1.50mm ²	3.40mm
2.50mm ²	3.80mm
4.00mm ²	4.40mm
6.00mm ²	5.10mm
10.00mm ²	6.80mm
16.00mm ²	9.20mm
25.00mm ²	10.60mm
35.00mm ²	12.00mm
50.00mm ²	14.70mm
70.00mm ²	16.80mm

Compliance

RoHS II Directive (2011/65/EU & 2015/863)

REACH (1907/2006)

UL1015 (0.50mm² – 6.00mm² only)

UL1028 (10.00mm² only)

UL1283 (16.00mm² – 35.00mm² only)

UL1284 (50.00mm² – 70.00mm² only)

CSA TEW

BS 6231 Type CK

Important:

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